

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: ML-46315	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: N/A	
2. NAME OF OPERATOR: ConocoPhillips Company				9. WELL NAME and NUMBER: Utah 32-558D	
3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE Tx ZIP 79710			PHONE NUMBER: (432) 688-6943	10. FIELD AND POOL, OR WILDCAT: Buzzard Bench 132	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 3127 FSL & 2124 FWL (SENW) of 32-16S-8E AT PROPOSED PRODUCING ZONE: 1700 FNL & 1950 FEL (SWNE) 32-16S-8E 495702X 43598324 39.389842 -111.049911 496062X 43599624 39.391016 -111.045727				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 32 16S 8E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 5.5 miles northwest of Huntington, Utah				12. COUNTY:	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 502		16. NUMBER OF ACRES IN LEASE: 880		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40 acres	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 1200		19. PROPOSED DEPTH: 4861 MD 4625 TVD 4750		20. BOND DESCRIPTION: Statewide	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6703 GL		22. APPROXIMATE DATE WORK WILL START: 6/1/2008		23. ESTIMATED DURATION:	

24. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
17 1/2	13 3/8	40.5	H40	60	
12 1/4	9 5/8	36	J55/K55	400	245 sxs 'G + 2%CC + .25 pps D130 15.8 ppg/1.16ft3/s
8 1/2	5 1/2	15.5	M80	4861 4750	2 Stage: Lead w/45 sxs 35/65 'G' + 6% D20 + .75% D112 + .2% D65 + .2% D46 + .25 pps D130 12.0ppg 2.21 ft3/sx, Tail w/145 sxs RFC G + .125 pps D130 14.2 ppg/1.6 ft3/sx. DV: tool @ est 3850'. Lead w/ 540 sxs 35/65 Poz G + 6% D20 + .75% D112 + .2% D65 + .2% D46 + .125 pps D130 12.0 ppg/2.21 ft3/sx. Tail 100 sxs RFC G + .125 pps D130 14.2ppg/1.6 ft3/sxs

25. ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Donna Williams TITLE Sr. Regulatory Specialist

SIGNATURE [Signature] DATE 5/8/2008

(This space for State use only)

API NUMBER ASSIGNED: 43-015-30751

APPROVAL:

Date: 07-07-08

By: [Signature]

**Approved by the
Utah Division of
Oil, Gas and Mining**

RECEIVED

MAY 12 2008

DIV. OF OIL, GAS & MINING

Range 8 East

(N89°58'E - 2604.36')

(N89°58'E - 2636.70')

2123.99'
CALCULATED

1700.00'
CALCULATED

1950.00'
CALCULATED

UTM
N 4359833
E 495704
2124.08'
SURFACE
UTAH #32-558D
ELEV. 6703.1'

UTM
N 4359970
E 496071

N69°26'16"E
1287.98'

3127.63'

(N89°29'W - 2855.82')

(N89°34'19"W - 2639.39)

(N89°41'43"E - 2638.85')

(N89°29'W - 2855.82')

(N89°40'E - 2608.32')

Legend

- Drill Hole Location
- ⊙ Brass Cap (Found)
- Brass Cap (Searched for, but not found)
- △ Rock Pile
- () GLO
- GPS Measured

NOTES:

1. UTM and Latitude / Longitude Coordinates are derived using a GPS Pathfinder and are shown in NAD 27 Datum.

SURFACE

LAT / LONG
39°23'23.476"N
111°02'59.589"W

TARGET

LAT / LONG
39°23'27.927"N
111°02'44.250"W

Location:

The well location was determined using a Trimble 5700 GPS survey grade unit.

Basis of Bearing:

The Basis of Bearing is GPS Measured.

GLO Bearing:

The Bearings indicated are per the recorded plat obtained from the U.S. Land Office.

Basis of Elevation:

Basis of Elevation of 6538' being the Northeast Section Corner of Section 5, Township 17 South, Range 8 East, Salt Lake Base and Meridian, as shown on the Hiawatha Quadrangle 7.5 minute series map.

Description of Location:

Surface

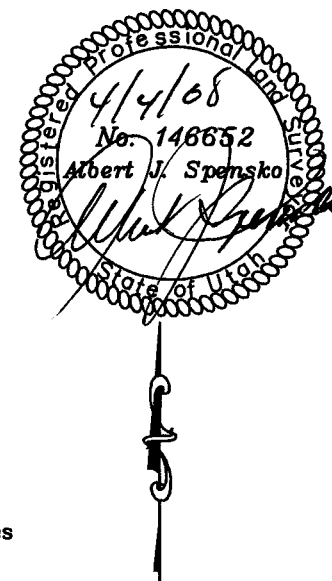
Proposed Drill Hole located in the SE/4 NW/4 of Section 32, T16S, R8E, S.L.B.&M., being 3127.63' North and 2124.08' East from the Southwest Corner of Section 32, T16S, R8E, Salt Lake Base & Meridian.

Target

Proposed Target located in the SW/4 NE/4 of Section 32, T16S, R8E, S.L.B.&M., being 1700.00' South and 1950.00' West from the Northeast Section Corner of Section 32, T16S, R8E, Salt Lake Base & Meridian.

Surveyor's Certificate:

I, Albert J. Spensko, a Registered Professional Land Surveyor, holding Certificate 146652 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.



GRAPHIC SCALE

0 500' 1000'

(IN FEET)

1 inch = 1000 ft.

Revision: 4/4/08



TALON RESOURCES, INC.

615 North 400 East P.O. Box 1230

Huntington, Utah 84528

Phone (435)687-5310 Fax (435)687-5311

E-Mail talon @ etv.net

ConocoPhillips

ConocoPhillips Company
WELL UTAH #32-558D
Section 32, T16S, R8E, S.L.B.&M.
Emery County, Utah

Drawn By: N. BUTKOVICH	Checked By: L.W.J./A.J.S.
Drawing No. A-1	Date: 10/31/07
	Scale: 1" = 1000'
Sheet 1 of 4	Job No. 3157/3475

EXHIBIT "D"
DRILLING PROGRAM

Attached to Form 3
ConocoPhillips Company
Utah 32-558
Surf: 3127.63 FSL & 2124.08 FWL
SENE of 32-16S-8E
BHL: 1700 FNL & 1950 FEL
SWNE of 32-16S-8E
Emery County, Utah

1. The Surface Geologic Formation

Mancos Shale

2. Estimated Tops of Important Geologic Markers

Blue Gate Shale Top 3890 TVD

3. Projected Gas & H₂O zones (Ferron Formation)

Coals and sandstones 4030-4500 TVD

No groundwater is expected to be encountered.

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits.

All indications of usable water will be reported.

Surface casing will be tested to 500 psi and Production casing tested to 1500 psi with a minimum of 1 psi/ft of the last casing string depth

4. The Proposed Casing and Cementing Programs

Hole Size	Casing Size	Wt/Ft	Grade	Joint	Depth set
17 1/2"	13 3/8"	40.5	H-40	ST&C	0-60
12 1/4"	9 5/8"	36#	J55/K55	ST&C	0-400'
8 1/2"	5 1/2"	15.5#	M80	LT&C	0-4750' MD 4861' MD

Donna Williams
6/26/08

Cementing Program

The 9 5/8" surface casing will be set with approximately 245 sacks Class G or Type V cement with 2% CC + ¼ pps D130 mixed at 15.8 ppg (yield =1.16 ft³/sx). The cement will be circulated back to surface with 100% excess.

The 5 ½" production casing will be set and cemented using a two stage cementing process .

Cement Program: First Stage – Lead w/45 sxs 35/65 Poz Class G + 6% D20 + .75% D112 + .2% D65 + .2% D46 + .125 pps D130. (12.0 ppg/2.21 ft³/sx). Tail w/145 sxs RFC Class G + .125 pps D130 (14.2 ppg/1.6 ft³/sx). Set DV Tool at ~3850'. Second Stage: Lead w/540 sxs 35/65 Poz Class G + 6% D20 + .75% D112 + .2% D65 + .2% D46 + .125 pps D130.. (12.0 ppg/2.21 ft³/sx). Tail w/100 sxs RFC Class G + .125 pps D130. (14.2 ppg/1.6 ft³/sx). The cement will be circulated back to surface.

The above cement volumes are approximate and are calculated under the assumption that a gauge hole will be achieved. If the cement does not return to surface, a cement bond log will be run to determine the top of cement. In the case where the cement is below the surface casing shoe, the casing will be perforated and squeeze cemented to the surface. If the cement is above the surface casing shoe, cement will be one-inched to the surface.

The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
- 2) Blowout preventer tests for proper functioning;
- 3) Blowout prevention drills conducted;
- 4) Casing run, including size, grade, weight, and depth set;
- 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- 6) Waiting on cement time for each casing string;
- 7) Casing pressure tests after cementing, including test pressures and results.

5. The Operator's Minimum Specifications for Pressure Control

Exhibit "G" is a schematic diagram of the blowout preventer equipment. A double gate 3000 psi BOPE will be used with a rotating head. This equipment will be tested to required pressures. All tests will be recorded in a Driller's Report Book. Physical operation of BOP's will be checked on each trip.

6. The Type and Characteristics of the Proposed Circulating Muds

0-400	12 1/4" hole	Drill with air, will mud-up if necessary.
400-TD	8 1/2" hole	Drill with air, will mud-up if necessary. 400 psi @ 1400-1600 cfm

7. The Testing, Logging and Coring Programs are as followed

400-TD Gamma Ray, Neutron Porosity, CBL

Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is about 1256 psi max., however due to offset production pressures may be much lower. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

8. Anticipated Starting Date and Duration of the Operations.

The well will be drilled around June 1, 2008

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.



ConocoPhillips Company
3300 N. 'A' St. Bldg. 6
Midland, TX 79705

May 8, 2008

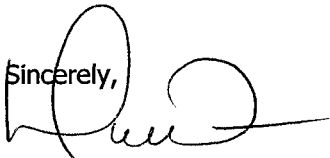
Utah Division of Oil, Gas, and Mining
1594 W North Temple, Suite 1210
Salt Lake City, Utah 84116

RE: Directional Drilling Request
Utah 32-558D
SENW of 32-16S-8E to the SWNE of 32-16S-8E
Emery County, Utah

Ladies and Gentlemen:

ConocoPhillips Company respectfully request approval to directionally drill to approximately 1287.98' northeast of the original surface location. This request is due to the topography which prevented the surface location from being located at that point. We are requesting approval to directionally drill from a surface location of 3127.64 FSL & 2124.08' FWL (SENW) of 32-16S-8E to a proposed bottomhole location of 1700 FNL & 1950 FEL (SWNE) of 32-16S-8E. Furthermore, COP is the owner/operator of a radius of 460' along the terminus of the entire lateral to be drilled.

Should you have any questions, or need additional information, please do not hesitate to contact me at 432-688-6943.

Sincerely,

Donna Williams
Sr. Regulatory Specialist

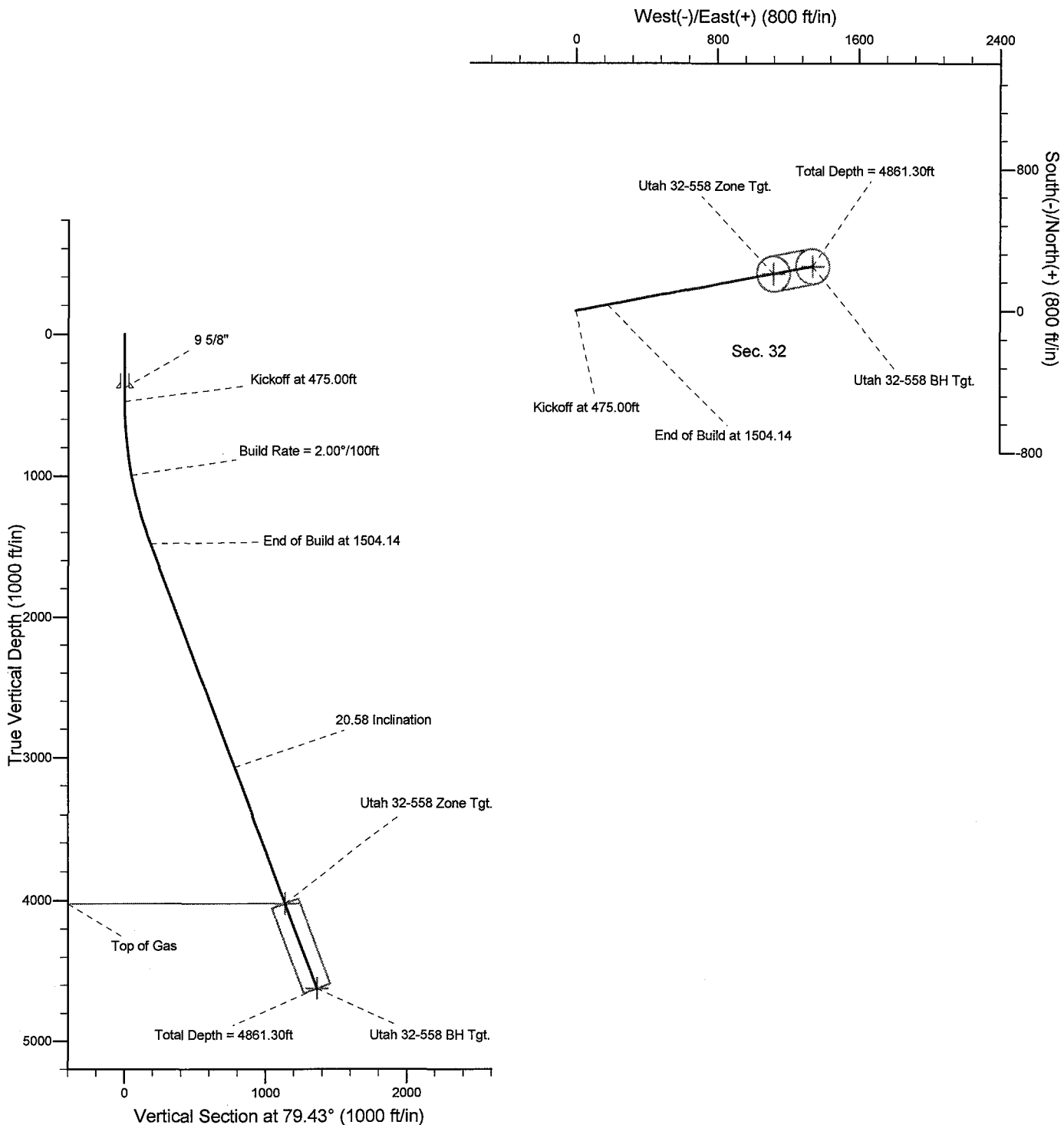
Project: Emery County, Utah
 Site: Sec. 32-T16S-R8E
 Well: Utah 32-558
 Wellbore: Plan #1
 Plan: Plan #1 Proposal

ConocoPhilips

HALLIBURTON

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
475.00	0.00	0.00	475.00	0.00	0.00	0.00	0.00	0.00	
1504.14	20.58	79.43	1482.15	33.54	179.77	2.00	79.43	182.87	
4861.30	20.58	79.43	4625.00	250.00	1340.00	0.00	0.00	1363.12	Utah 32-558 BH Tgt.



ConocoPhilips

Emery County, Utah

Sec. 32-T16S-R8E

Utah 32-558

Plan #1

Plan: Plan #1 Proposal

Sperry Drilling Services Proposal Report

29 June, 2007

Well Coordinates: 6,947,743.48 N, 1,767,152.56 E (39° 23' 32.74" N, 111° 03' 05.58" W)

Ground Level: 6,836.00 ft

Local Coordinate Origin:

Centered on Well Utah 32-558

Viewing Datum:

RKB @ 6850.00ft (Original Well Elev)

TVDs to System:

N

North Reference:

True

Unit System:

API - US Survey Feet

Geodetic Scale Factor Applied

Version: 2003.14 Build: 57

HALLIBURTON

Plan Report for Utah 32-558 - Plan #1 - Plan #1 Proposal

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	Toolface Azimuth (°)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
375.00	0.00	0.00	375.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9 5/8"										
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
475.00	0.00	0.00	475.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kickoff at 475.00ft										
500.00	0.50	79.43	500.00	0.02	0.11	0.11	2.00	2.00	0.00	79.43
600.00	2.50	79.43	599.96	0.50	2.68	2.73	2.00	2.00	0.00	0.00
700.00	4.50	79.43	699.77	1.62	8.68	8.83	2.00	2.00	0.00	0.00
800.00	6.50	79.43	799.30	3.38	18.10	18.42	2.00	2.00	0.00	0.00
900.00	8.50	79.43	898.44	5.77	30.93	31.47	2.00	2.00	0.00	0.00
1,000.00	10.50	79.43	997.07	8.80	47.16	47.97	2.00	2.00	0.00	0.00
Build Rate = 2.00°/100ft										
1,100.00	12.50	79.43	1,095.05	12.45	66.76	67.91	2.00	2.00	0.00	0.00
1,200.00	14.50	79.43	1,192.29	16.74	89.70	91.25	2.00	2.00	0.00	0.00
1,300.00	16.50	79.43	1,288.64	21.64	115.97	117.97	2.00	2.00	0.00	0.00
1,400.00	18.50	79.43	1,384.01	27.15	145.53	148.04	2.00	2.00	0.00	0.00
1,500.00	20.50	79.43	1,478.27	33.27	178.34	181.42	2.00	2.00	0.00	0.00
1,504.14	20.58	79.43	1,482.15	33.54	179.77	182.87	2.00	2.00	0.00	0.00
End of Build at 1504.14										
1,600.00	20.58	79.43	1,571.89	39.72	212.90	216.57	0.00	0.00	0.00	0.00
1,700.00	20.58	79.43	1,665.50	46.17	247.46	251.73	0.00	0.00	0.00	0.00
1,800.00	20.58	79.43	1,759.12	52.62	282.02	286.89	0.00	0.00	0.00	0.00
1,900.00	20.58	79.43	1,852.74	59.06	316.58	322.04	0.00	0.00	0.00	0.00
2,000.00	20.58	79.43	1,946.35	65.51	351.14	357.20	0.00	0.00	0.00	0.00
2,100.00	20.58	79.43	2,039.97	71.96	385.70	392.35	0.00	0.00	0.00	0.00
2,200.00	20.58	79.43	2,133.59	78.41	420.26	427.51	0.00	0.00	0.00	0.00
2,300.00	20.58	79.43	2,227.20	84.85	454.82	462.67	0.00	0.00	0.00	0.00
2,400.00	20.58	79.43	2,320.82	91.30	489.38	497.82	0.00	0.00	0.00	0.00
2,500.00	20.58	79.43	2,414.44	97.75	523.94	532.98	0.00	0.00	0.00	0.00
2,600.00	20.58	79.43	2,508.05	104.20	558.50	568.14	0.00	0.00	0.00	0.00
2,700.00	20.58	79.43	2,601.67	110.65	593.06	603.29	0.00	0.00	0.00	0.00
2,800.00	20.58	79.43	2,695.29	117.09	627.62	638.45	0.00	0.00	0.00	0.00
2,900.00	20.58	79.43	2,788.90	123.54	662.18	673.60	0.00	0.00	0.00	0.00
3,000.00	20.58	79.43	2,882.52	129.99	696.74	708.76	0.00	0.00	0.00	0.00
3,100.00	20.58	79.43	2,976.13	136.44	731.30	743.92	0.00	0.00	0.00	0.00
3,200.00	20.58	79.43	3,069.75	142.88	765.86	779.07	0.00	0.00	0.00	0.00
20.58 Inclination										
3,300.00	20.58	79.43	3,163.37	149.33	800.42	814.23	0.00	0.00	0.00	0.00
3,400.00	20.58	79.43	3,256.98	155.78	834.98	849.39	0.00	0.00	0.00	0.00
3,500.00	20.58	79.43	3,350.60	162.23	869.54	884.54	0.00	0.00	0.00	0.00
3,600.00	20.58	79.43	3,444.22	168.67	904.10	919.70	0.00	0.00	0.00	0.00
3,700.00	20.58	79.43	3,537.83	175.12	938.66	954.85	0.00	0.00	0.00	0.00
3,800.00	20.58	79.43	3,631.45	181.57	973.22	990.01	0.00	0.00	0.00	0.00
3,900.00	20.58	79.43	3,725.07	188.02	1,007.78	1,025.17	0.00	0.00	0.00	0.00
4,000.00	20.58	79.43	3,818.68	194.47	1,042.34	1,060.32	0.00	0.00	0.00	0.00
4,100.00	20.58	79.43	3,912.30	200.91	1,076.90	1,095.48	0.00	0.00	0.00	0.00
4,200.00	20.58	79.43	4,005.92	207.36	1,111.46	1,130.63	0.00	0.00	0.00	0.00
4,220.39	20.58	79.43	4,025.00	208.68	1,118.50	1,137.80	0.00	0.00	0.00	0.00
Top of Gas - Utah 32-558 Zone Tgt.										
4,300.00	20.58	79.43	4,099.53	213.81	1,146.02	1,165.79	0.00	0.00	0.00	0.00
4,400.00	20.58	79.43	4,193.15	220.26	1,180.58	1,200.95	0.00	0.00	0.00	0.00
4,500.00	20.58	79.43	4,286.77	226.70	1,215.14	1,236.10	0.00	0.00	0.00	0.00
4,600.00	20.58	79.43	4,380.38	233.15	1,249.70	1,271.26	0.00	0.00	0.00	0.00
4,700.00	20.58	79.43	4,474.00	239.60	1,284.26	1,306.42	0.00	0.00	0.00	0.00

Plan Report for Utah 32-558 - Plan #1 - Plan #1 Proposal

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	Toolface Azimuth (°)
4,800.00	20.58	79.43	4,567.61	246.05	1,318.82	1,341.57	0.00	0.00	0.00	0.00
4,861.30	20.58	79.43	4,625.00	250.00	1,340.00	1,363.12	0.00	0.00	0.00	0.00
Total Depth = 4861.30ft - Utah 32-558 BH Tgt.										

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
475.00	475.00	0.00	0.00	Kickoff at 475.00ft
1,000.00	997.07	8.80	47.16	Build Rate = 2.00°/100ft
1,504.14	1,482.15	33.54	179.77	End of Build at 1504.14
3,200.00	3,069.75	142.88	765.86	20.58 Inclination
4,861.30	4,625.00	250.00	1,340.00	Total Depth = 4861.30ft

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin		Start TVD (ft)
				+N/-S (ft)	+E/-W (ft)	
Target	Utah 32-558 BH Tgt.	79.43	Slot	0.00	0.00	0.00

Targets associated with this wellbore

Target Name	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Shape
Utah 32-558 Zone Tgt.	4,025.00	208.68	1,118.50	Circle
Utah 32-558 BH Tgt.	4,625.00	250.00	1,340.00	Point



ConocoPhillips Company
3300 N. 'A' St. Bldg. 6
Midland, TX 79705

May 8, 2008

Utah Division of Oil, Gas, and Mining
P.O. Box 145801
Salt Lake City, Utah 84114

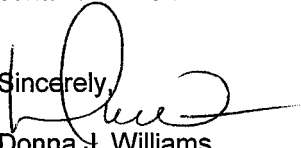
Location Exception Request
Utah 32-558D
Surf: 3127.63' FSL & 2124.08 FWL (SENW) of 32-16S-8E
BHL: 1700 FSL & 1950 FEL (SWNE) of 32-16S-8E
Emery County, Utah

Ladies and Gentlemen:

Pursuant to Utah Code R649-3-2, ConocoPhillips Company hereby respectfully requests administrative approval for a location exception for the referenced well due to topography issues that prevented the well from being spotted within the center of the 40 acre spacing unit. Furthermore, COP is 100% owner/operator of all tracts within a radius of 460' from the proposed well.

Should you have any questions, or need additional information, please do not hesitate to contact me at 432-688-6943.

Sincerely,



Donna J. Williams
Sr. Regulatory Specialist

SURFACE USE PLAN

Attached to Form 3
ConocoPhillips Company
Utah 32-558D
Surf: 3127.63 FSL & 2124.08 FWL
SENW of 32-16S-8E
BHL: 1700 FNL & 1950 FEL
SWNE of 32-16S-8E
Emery County, Utah

1. Existing Roads

- a. We do not plan to change, alter or improve upon any existing state or county roads.
- b. Existing roads will be maintained in the same or better condition. See Exhibit "B".

2. Planned Access

Approximately 5000' of new access is required (Refer to Drawing L-1)

- a. Maximum Width: 24' travel surface with 27' base
- b. Maximum grade: 7%
- c. Turnouts: None
- d. Drainage design: 10 culverts may be required. Water will be diverted around well pad as necessary.
- e. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.
- f. Pipe and power lines will follow the proposed access road.

3. Location of Existing Wells

- a. Refer to Drawing L-1.

4. Location of Existing and/or Proposed Facilities

- a. If the well is a producer, installation of production facilities will be as shown on Exhibit "H". Buried powerlines run along access on the east and north, gathering lines on the south or west.

- b. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

5. Location and Type of Water Supply

- a. Water to be used for drilling will be purchased from the Price River Water Improvement District (a local source of municipal water) (tel. 435-637-6350).
- b. Water will be transported by truck over approved access roads.
- c. No water well is to be drilled for this location.

6. Source of Construction Materials

- a. Any necessary construction materials needed will be obtained locally and hauled to the location on existing roads.
- b. No construction or surfacing materials will be taken from Federal/Indian land.

7. Methods for handling waste disposal

- a. As the well will be air drilled, a small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will not be lined unless conditions encountered during construction warrant it or if deemed necessary by the DOGM representative during the pre-site inspection. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operation cease with woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.
- b. Following drilling, the liquid waste will be evaporated from the pit and the pit back-filled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or location.
- c. In the event fluids are produced, any oil will be retained in tankage until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- c. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

8. Ancillary Facilities

- a. We anticipate no need for ancillary facilities with the exception of one trailer to be located on the drill site.

9. Wellsite Layout

- a. Available topsoil will be removed from the location and stockpiled. Location of mud tanks, reserve and berm pits, and soil stockpiles will be located as shown on the attachments.
- b. A blooie pit will be located 100' from the drill hole. A line will be placed on the surface from the center hole to the pit. The pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.
- c. Access to the well pad will be as shown on Drawing A-2 and L-1.
- d. Natural runoff will be diverted around the well pad.

10. Plans for Restoration of Surface

- a. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum.
- b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.

11. Surface Ownership:

- a. The wellsite and access road will be constructed on lands owned by School and Institutional Trust Lands Administration. The operator shall contact the landowner representative and the Division of Oil, Gas and Mining 48 hours prior to beginning construction activities

12. Other Information:

- a. The primary surface use is farming and grazing. The nearest dwelling is approximately 7000' southwest.
- b. Nearest live water is the Fish River located approximately 500' southwest
- c. If there is snow on the ground when construction begins, it will be removed before the soil is disturbed and piled downhill from the topsoil stockpile location.
- d. The backslope and foreslope will be constructed no steeper than 4:1.
- e. All equipment and vehicles will be confined to the access road and well pad.
- f. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations, shall be on the wellsite during construction and drilling operations.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Division of Oil, Gas & Mining.

13. Company Representative

Jean Semborski
Construction/Asset Integrity Supervisor
ConocoPhillips Company
P.O. Box 851
6825 South 5300 West
Price, Utah 84501
(435) 613-9777
(435) 820-9807

Mail Approved A.P.D. To:

Donna Williams
Sr. Regulatory Analyst
ConocoPhillips Company
P.O. Box 51810
Midland, Texas 79710

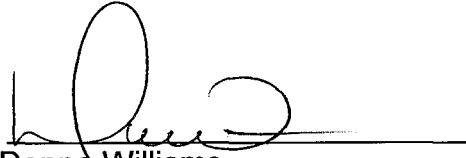
Excavation Contractor

Larry Jensen, Vice President
Nelco Contractors Inc.
(435) 637-3495
(435) 636-5268

14. Certification

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by ConocoPhillips Company and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

5/8/08
Date


Donna Williams
Sr. Regulatory Analyst
ConocoPhillips Company

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 4A

Bond No. 6196922

SURETY BOND

KNOW ALL MEN BY THESE PRESENTS:

That we (operator name) CONOCOPHILLIPS COMPANY as Principal,
and

(surety name) SAFECO INSURANCE COMPANY OF AMERICA as Surety, duly authorized
and qualified to do business in the State of Utah, are held and firmly bound unto the State of Utah in the sum of:

EIGHTY THOUSAND AND NO/100***** dollars (\$ 80,000.00)
lawful money of the United States, payable to the Director of the Division of Oil, Gas and Mining, as agent of the State of Utah, for the use and
benefit of the State of Utah for the faithful payment of which we bind ourselves, our heirs, executors, administrators and successors, jointly and
severally by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT, WHEREAS the Principal is or will be engaged in the drilling, redrilling, deepening,
repairing, operating, and plugging and abandonment of a well or wells and restoring the well site or sites in the State of Utah for the purposes of
oil or gas production and/or the injection and disposal of fluids in connection therewith for the following described land or well:

X Blanket Bond: To cover all wells drilled in the State of Utah

Individual Bond: Well No: _____
Section: _____ Township: _____ Range: _____
County: _____, Utah

NOW, THEREFORE, if the above bounden Principal shall comply with all the provisions of the laws of the State of Utah and the rules, orders and
requirements of the Board of Oil, Gas and Mining of the State of Utah, including, but not limited to the proper plugging and abandonment of wells
and well site restoration, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

IN TESTIMONY WHEREOF, said Principal has hereunto subscribed its name and has caused this instrument to be signed by its duly authorized
officers and its corporate or notary seal to be affixed this

30th day of Dec, 20 02.

(Corporate or Notary Seal here)

Attestee: [Signature] Date: 12-30-02

By

Principal (company name)

Name (print)

Title

Signature

Manager

IN TESTIMONY WHEREOF, said Surety has caused this instrument to be signed by its duly authorized officers and its corporate or notary seal
to be affixed this

1ST day of JANUARY, 20 03.

(Corporate or Notary Seal here)

Carolyn E. Wheeler Date: 12/20/2002

CAROLYN E. WHEELER
NOTARY PUBLIC
MY COMMISSION EXPIRES: NOVEMBER 1, 2006
(52002)

By

Surety Company (Attach Power of Attorney)

Name (print)

Title

Signature

Surety Mailing Address

City

State

Zip

488000m E. 490000m E. 492000m E. 494000m E. 496000m E. 498000m E. 500000m E. WGS84 Zone 12S 504000m E.

ConocoPhillips Company

CARBON CO.
EMERY CO.

UTAH #32-558D

UTM NAD 27

N-4359833

E-495704

Surface

Target

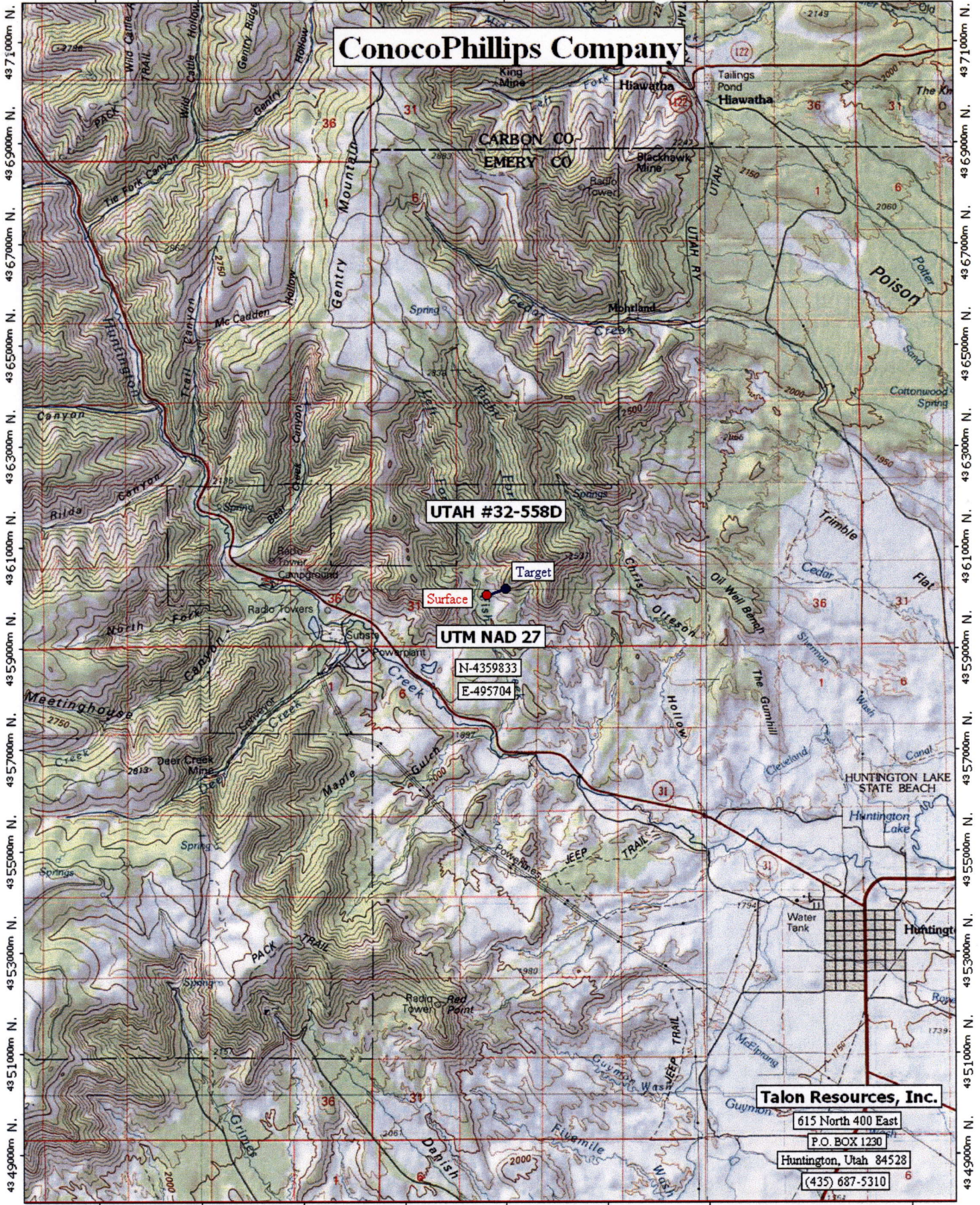
Talon Resources, Inc.

615 North 400 East

P.O. BOX 1230

Huntington, Utah 84528

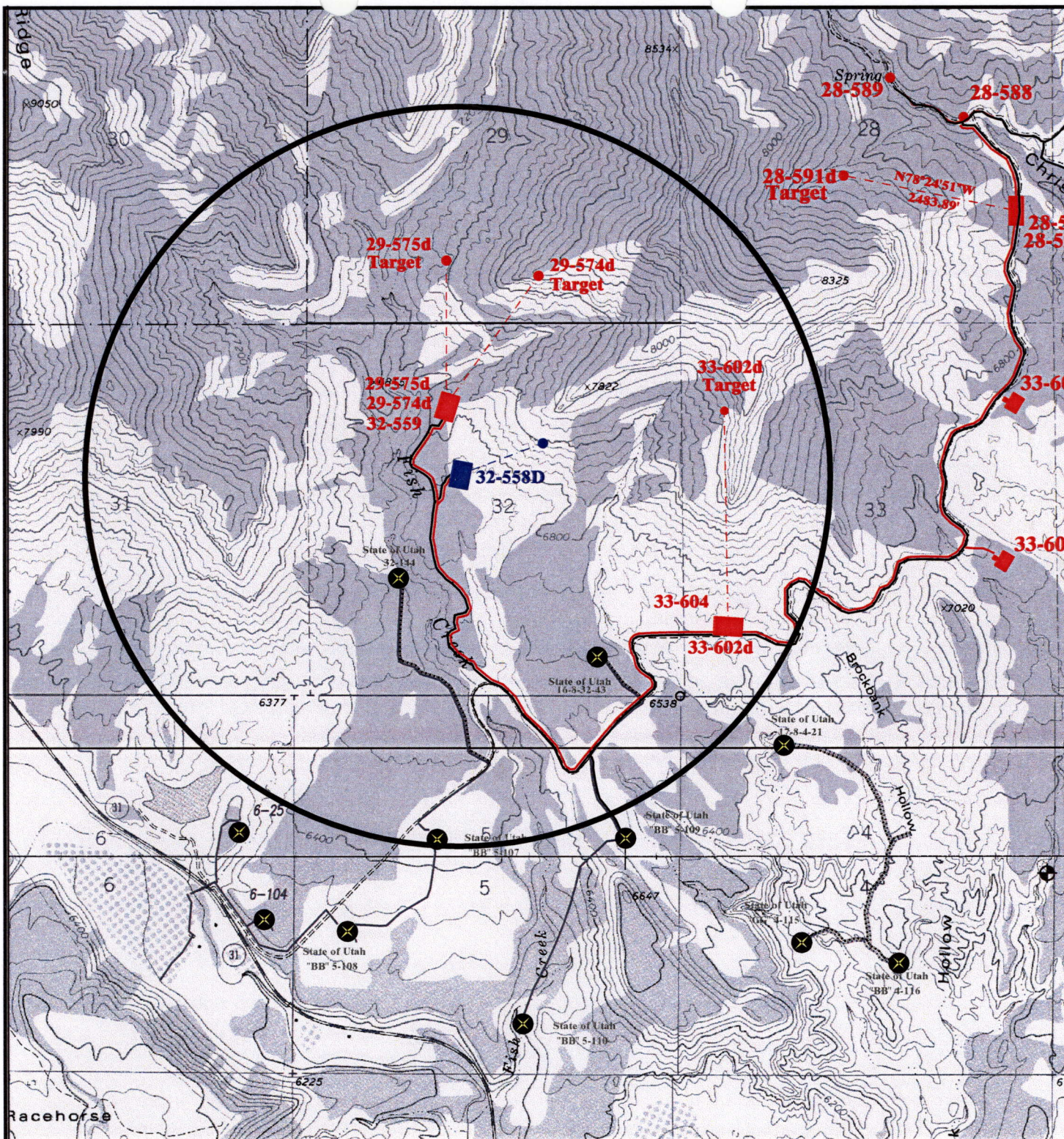
(435) 687-5310



TN*/MN
12 1/2°

0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 miles
0 1 2 3 4 5 km

Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



LEGEND

Proposed Well Location:
 Other Proposed Well Locations:
 Proposed Pipeline:
 Proposed Roads:
 XTO Energy Existing Wells



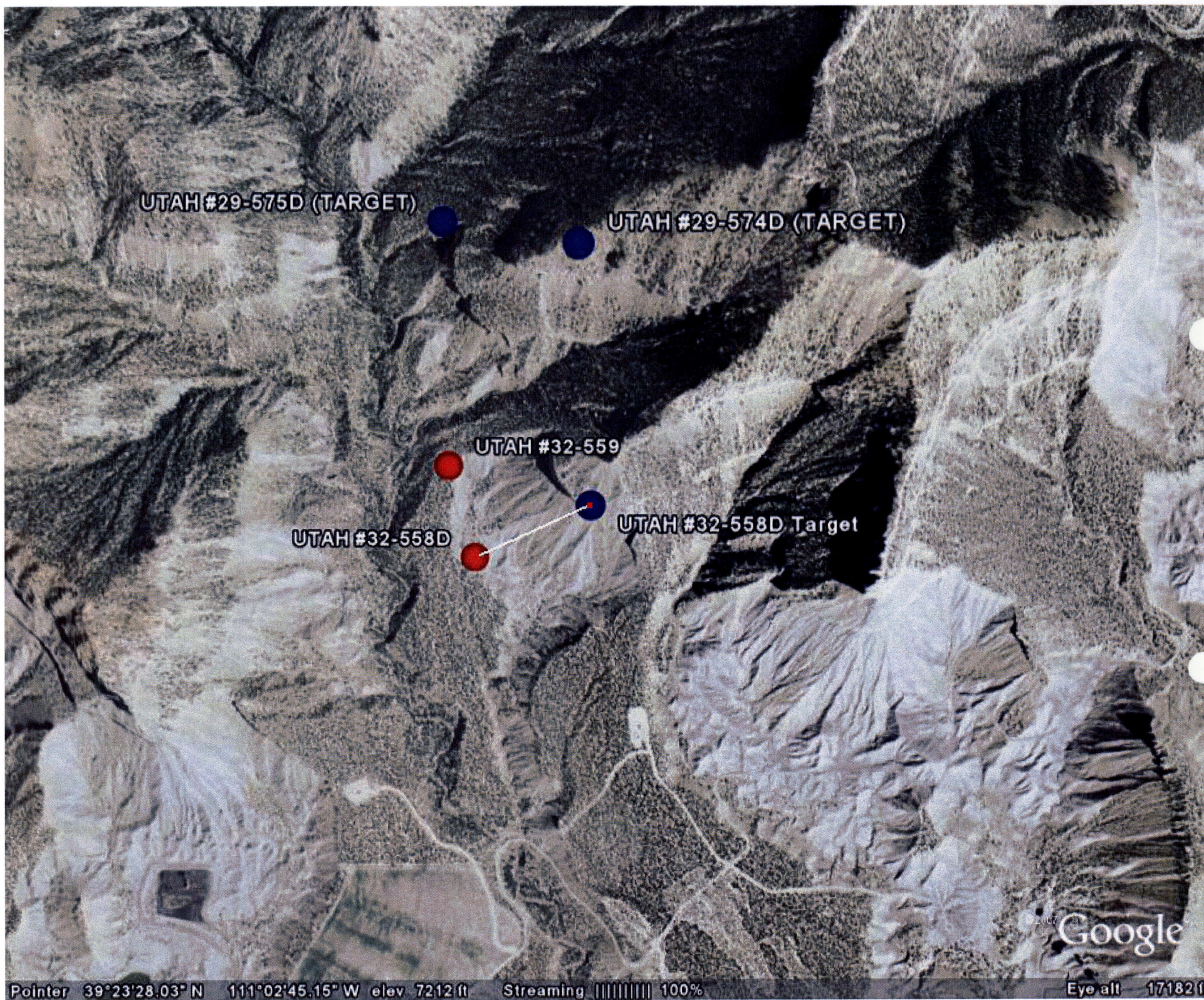
Scale: 1" = 2000'

Revision: April 4, 2008
 December 6, 2007

ConocoPhillips Company
 6825 South 5300 West
 P.O. Box 851
 Price, Utah 84501
 Phone: (435) 613-9777
 Fax: (435) 613-9782



WELL UTAH #32-558D
 Section 32, T16S, R8E, S.L.B.&M.
 Drawing L-1 4 of 4



UTAH #29-575D (TARGET)

UTAH #29-574D (TARGET)

UTAH #32-559

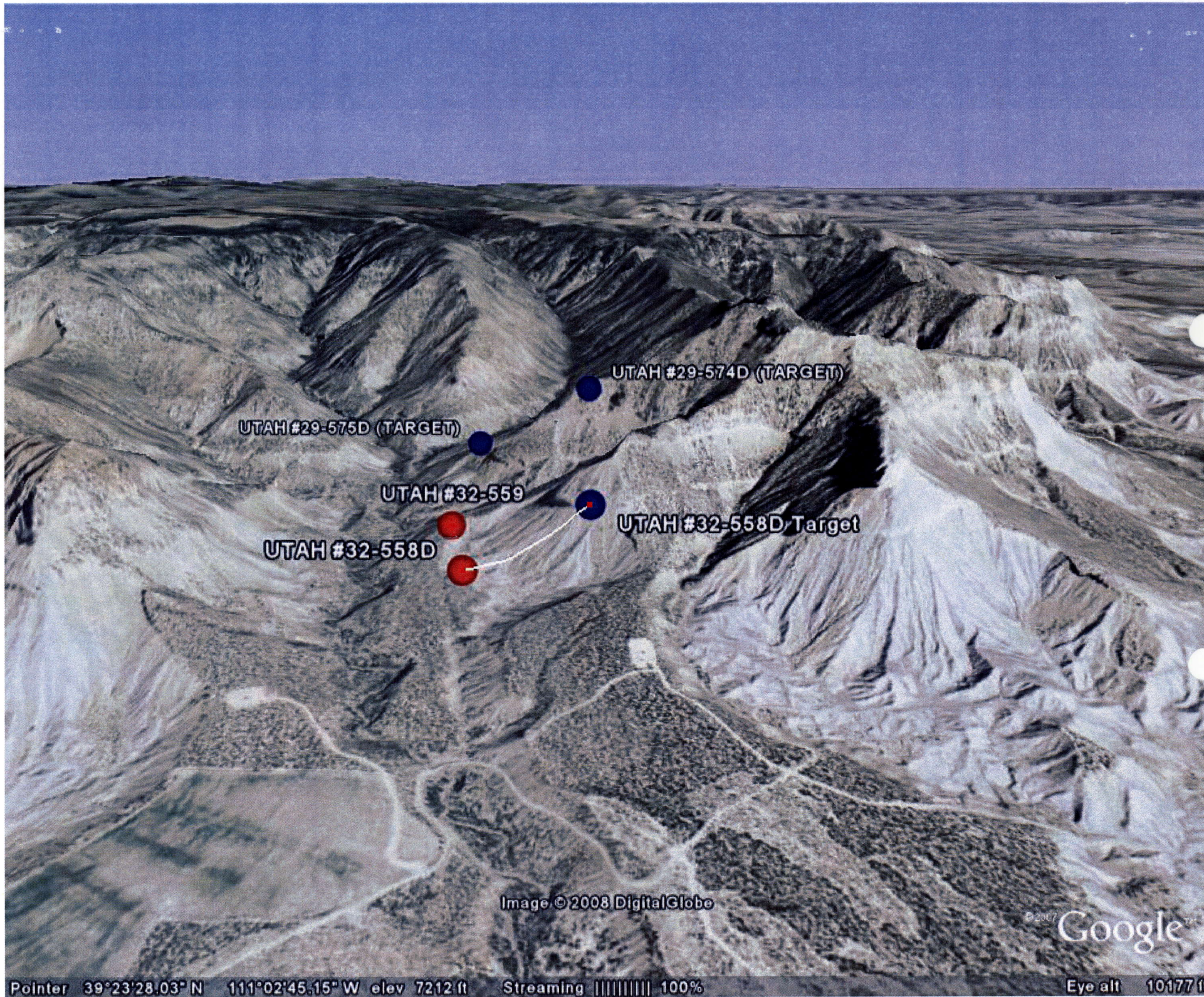
UTAH #32-558D

UTAH #32-558D Target

Google

Pointer 39°23'28.03" N 111°02'45.15" W elev 7212 ft Streaming 100%

Eye alt 17182 ft



UTAH #29-575D (TARGET)

UTAH #29-574D (TARGET)

UTAH #32-559

UTAH #32-558D Target

UTAH #32-558D

Image © 2008 DigitalGlobe

Google

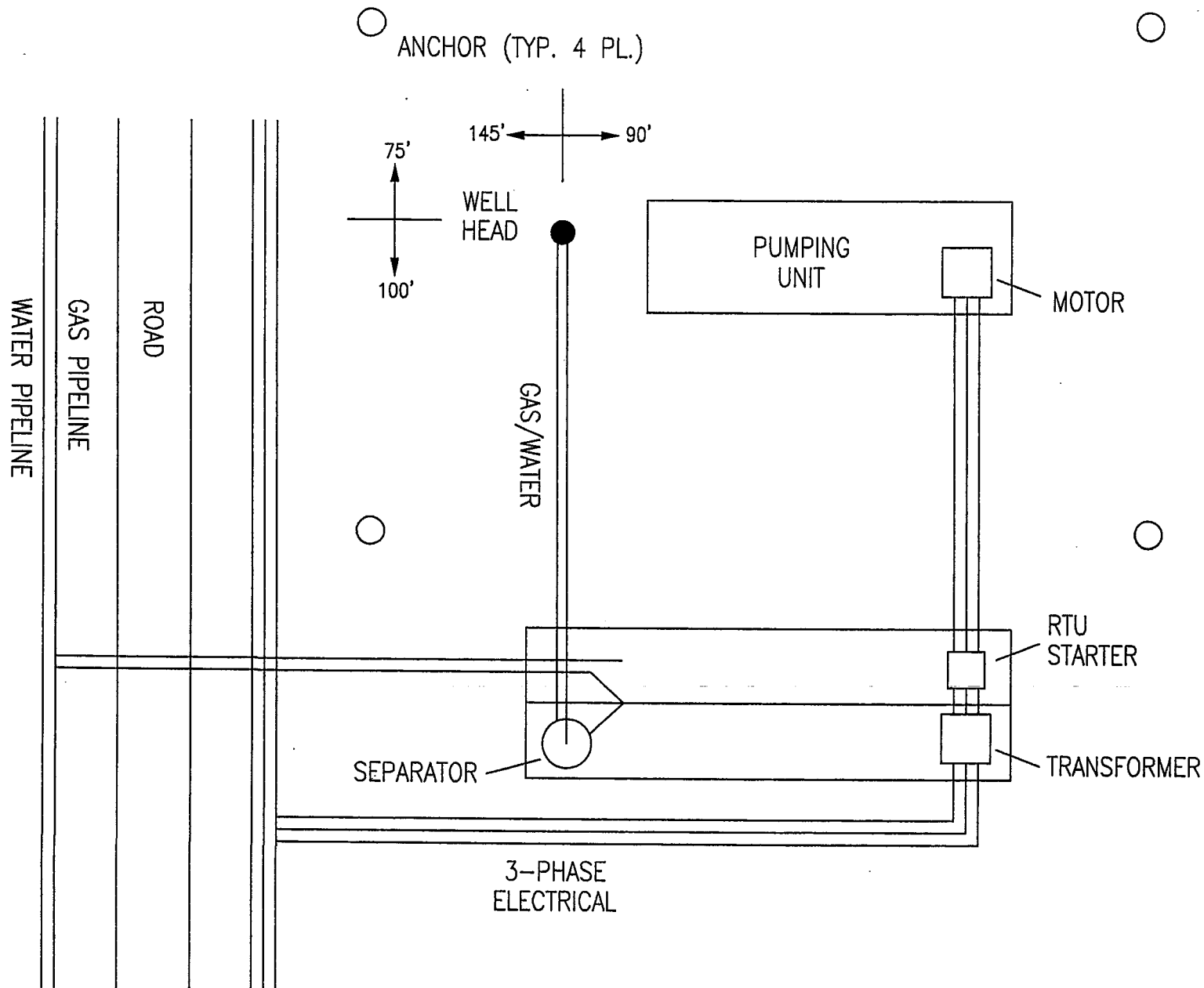
Pointer 39°23'28.03" N 111°02'45.15" W elev 7212 ft Streaming ||||| 100%

Eye alt 10177 ft

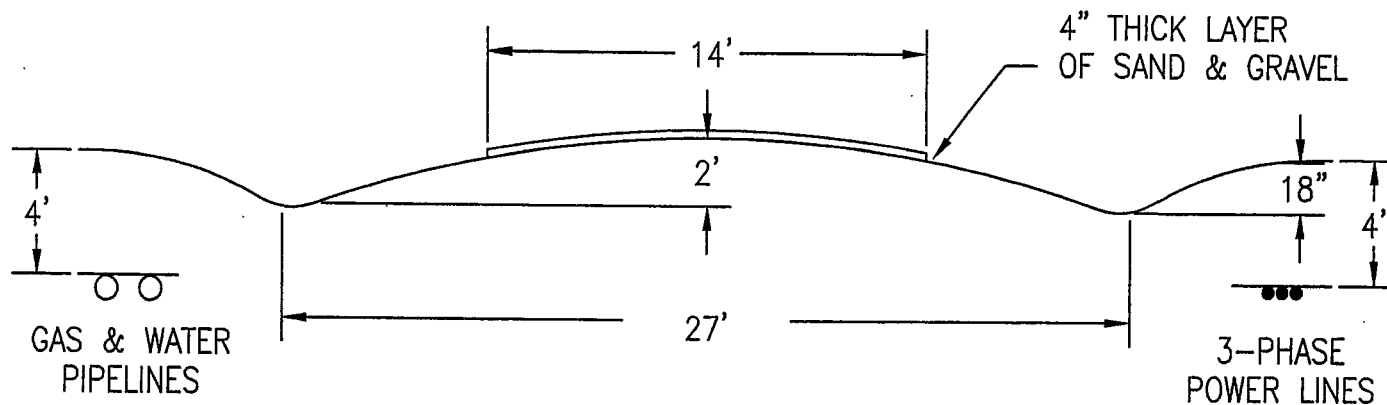
WELL SITE

CONOCOPHILLIPS COMPANY

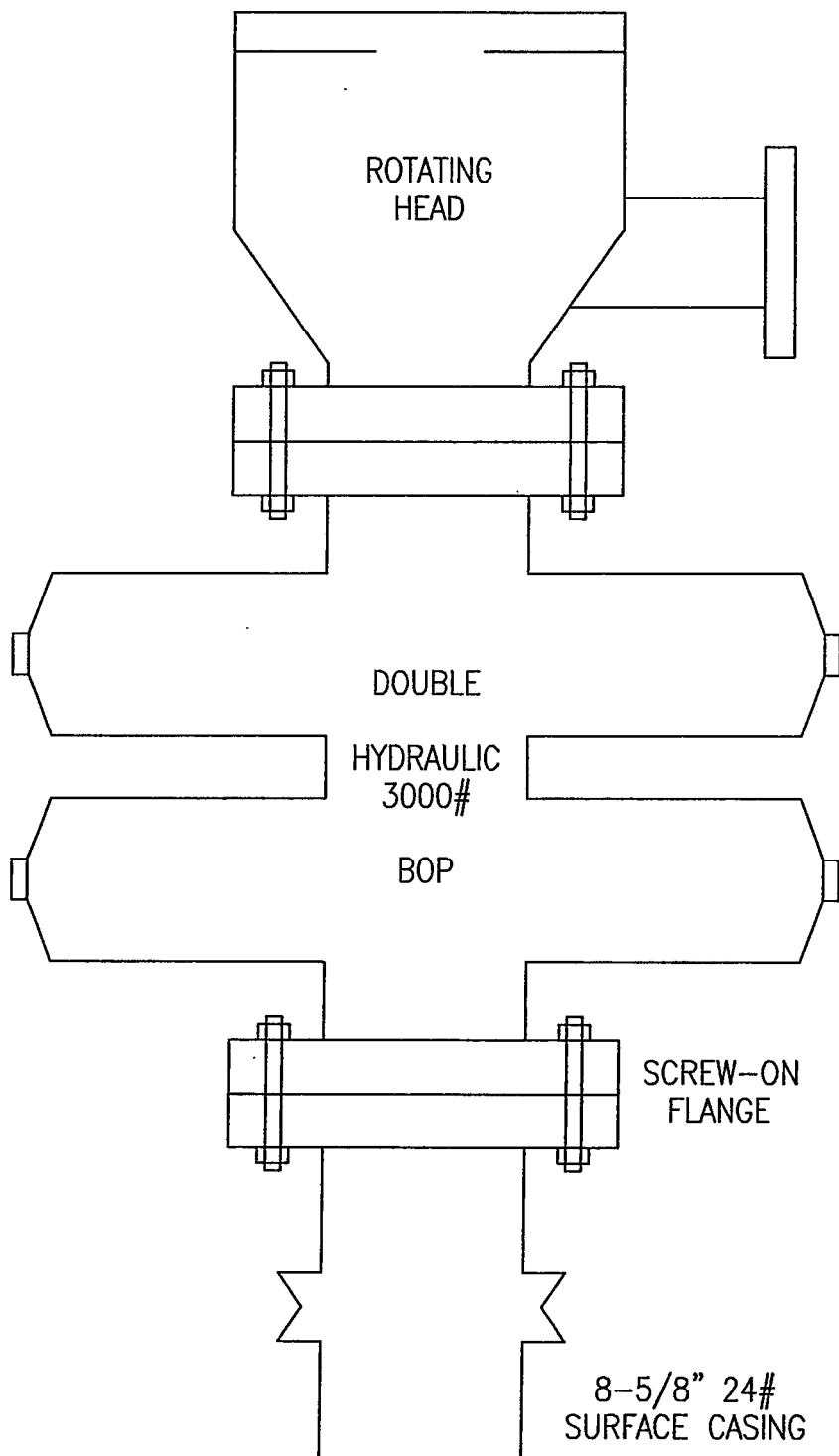
WELL SITE LAYOUT (235' x 175')



TYPICAL ROAD CROSS-SECTION CONOCOPHILLIPS COMPANY



DIVERTER HEAD
CONOCOPHILLIPS COMPANY

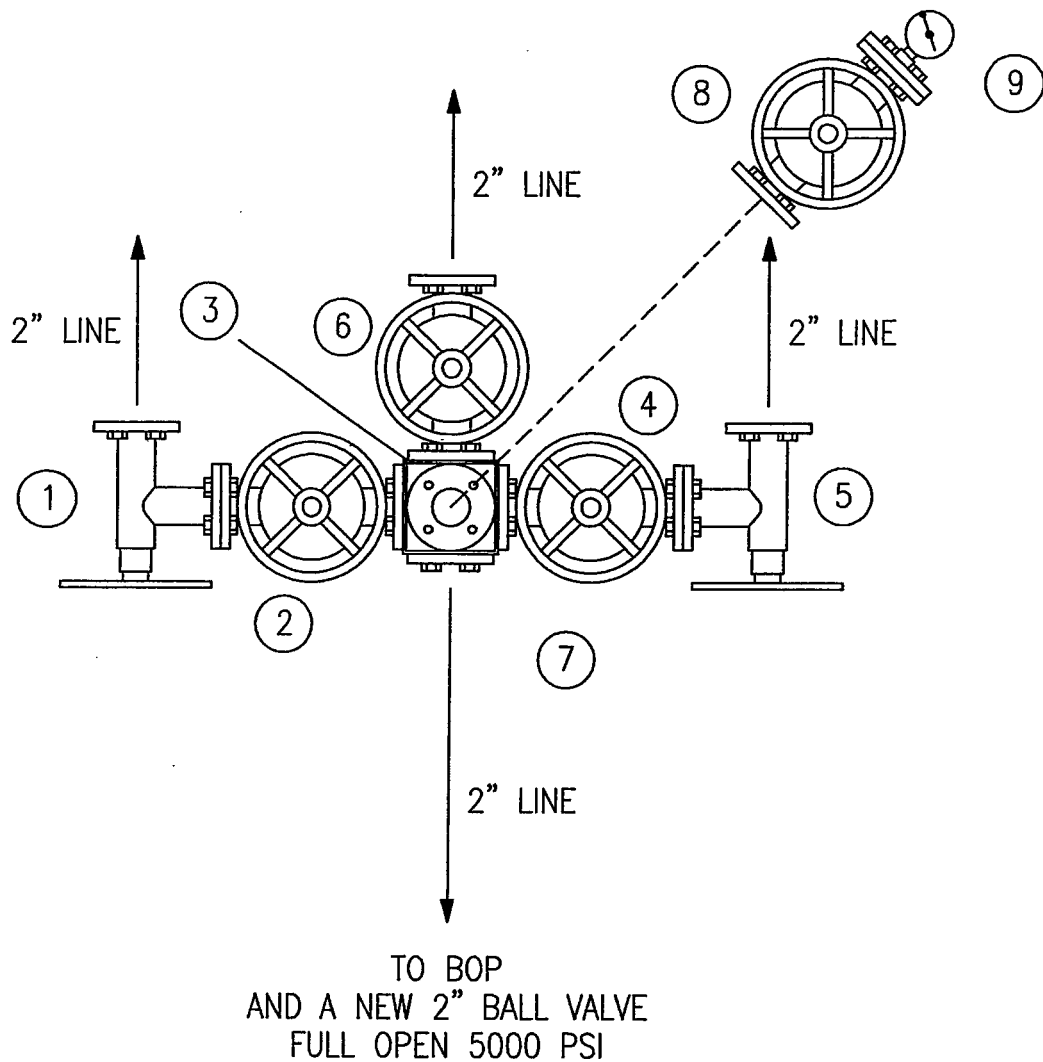


CONOCOPHILLIPS COMPANY

- (1) 2" 5M FLANGED CHOKE
- (2) 2" 5M GATE VALVE (FLANGED)
- (3) 2" 5M STUDDED CROSS
- (4) 2" 5M GATE VALVE (FLANGED)
- (5) 2" 5M FLANGED CHOKE
- (6) 2" 5M GATE VALVE (FLANGED)
- (7) 2" LINE
- (8) 2" 5M GATE VALVE (FLANGED)
- (9) 3000# GAUGE

NOTE:

NUMBER 8 GATE VALVE SITS ON TOP OF MANIFOLD BETWEEN STUDDED CROSS AND 3000# GAUGE.



MANIFOLD

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/12/2008

API NO. ASSIGNED: 43-015-30751

WELL NAME: UTAH 32-558D

OPERATOR: CONOCOPHILLIPS COMPANY (N2335)

CONTACT: DONNA WILLIAMS

PHONE NUMBER: 432-688-6943

PROPOSED LOCATION:

SE NW 32 160S 080E

SURFACE: 3127 FSL 2124 FWL

BOTTOM: 1700 FNL 1950 FEL

COUNTY: EMERY

LATITUDE: 39.38984 LONGITUDE: -111.0499

UTM SURF EASTINGS: 495702 NORTHINGS: 4359832

FIELD NAME: BUZZARD BENCH (132)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	6/30/08
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-46315

SURFACE OWNER: 3 - State

PROPOSED FORMATION: FRSD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[] Sta[] Fee[]
(No. 6196922)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

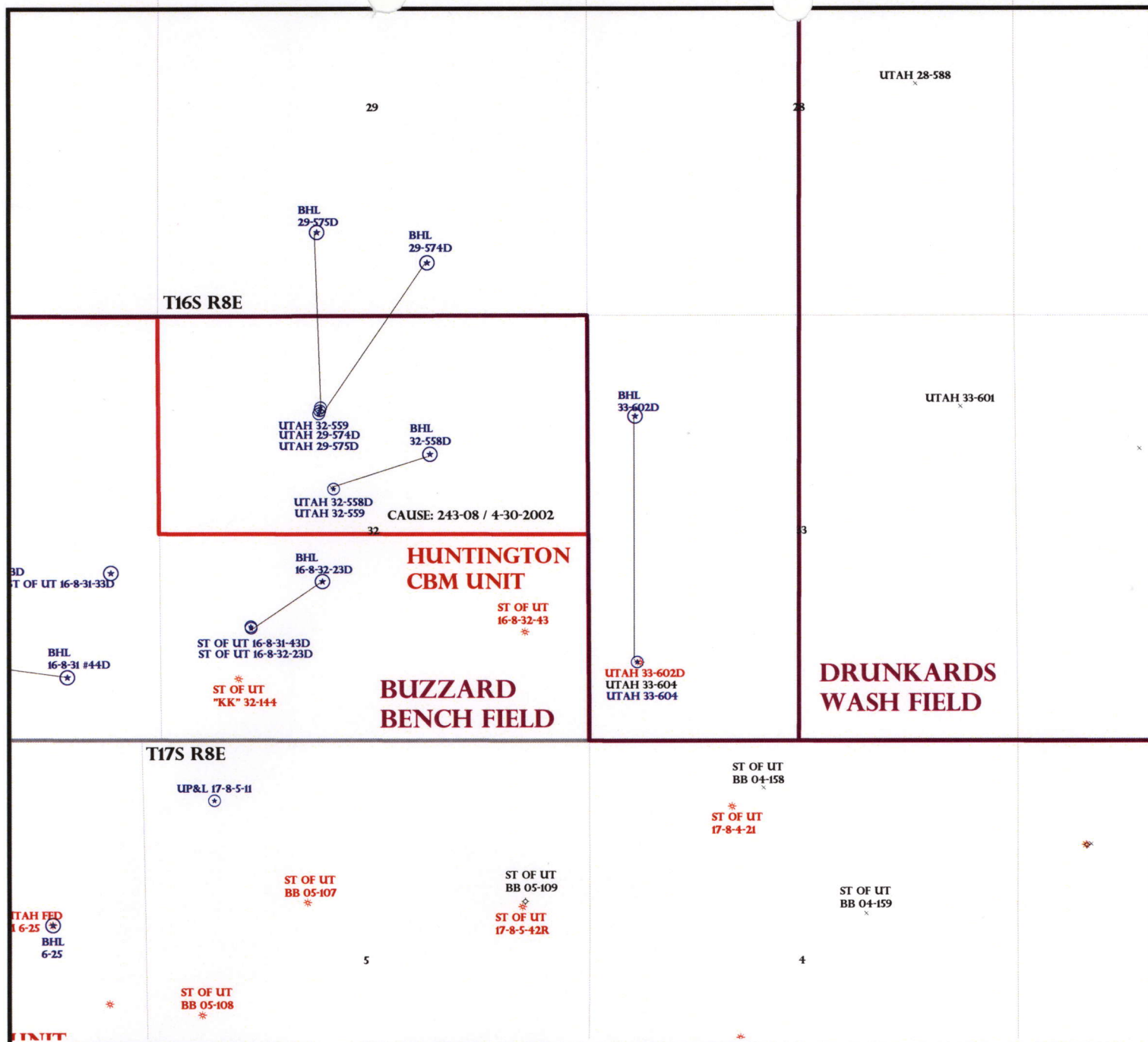
 R649-2-3.
Unit: _____
 R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
 R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 243-8
Eff Date: 4-30-2002
Siting: 400 ft Wbarg. & Uncomm Tracts
☒ R649-3-11. Directional Drill

COMMENTS: _____

Needs Permit (05-20-08)

STIPULATIONS: _____

1- STATEMENT OF BASIS



OPERATOR: CONOCOPHILLIPS CO (N2335)

SEC: 32 T.16S R. 8E

FIELD: BUZZARD BENCH (132)

COUNTY: EMERY

CAUSE: 243-08 / 4-30-2002

Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

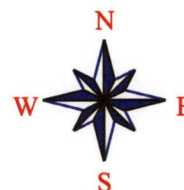
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



OIL, GAS & MINING



PREPARED BY: DIANA MASON
DATE: 15-MAY-2008

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

5/27/2008

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
767	43-015-30751-00-00		GW	S	No
Operator	CONOCOPHILLIPS COMPANY	Surface Owner-APD			
Well Name	UTAH 32-558D	Unit			
Field	BUZZARD BENCH	Type of Work			
Location	SEnw 32 16S 8E S 3127 FSL 2124 FWL GPS Coord (UTM) 495702E 4359832N				

Geologic Statement of Basis

This location is situated on a soil developed on the upper portion of the Blue Gate Member of the Mancos Shale. Local outcrops dip under the Wasatch Plateau at about 6 degrees to the northwest. Although it is unlikely that there is any significant high quality ground water resource to be found in the strata below the location, sandier units of the Emery Sandstone Member of the Mancos Shale are close below the surface and should be protected by extending the surface casing as needed to put these behind casing. The nearest surface waters are in Fish Creek, which is ~800 feet to the southwest. The proposed cementing and casing program should be adequate to protect any potential groundwater resource if it is extended to incorporate a significant water resource encountered in sandy units of the Emery Sandstone Member. No underground water rights have been filed on within a mile of the location.

Chris Kierst
APD Evaluator

5/22/2008
Date / Time

Surface Statement of Basis

Lining of the reserve pit is optional for this well, based on pit ranking criteria. Drainages shall be diverted around and away from the location and access road. The location should be bermed in accordance to EIS standards.

Mark Jones
Onsite Evaluator

5/20/2008
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator CONOCOPHILLIPS COMPANY
Well Name UTAH 32-558D
API Number 43-015-30751-0 **APD No** 767 **Field/Unit** BUZZARD BENCH
Location: 1/4,1/4 SENW **Sec** 32 **Tw** 16S **Rng** 8E 3127 FSL 2124 FWL
GPS Coord (UTM) **Surface Owner**

Participants

Participants of original pre-site on 08/30/2007; M. Jones (DOGM), C. Knecht, G. Vasquez, Jean Semborski (Conoco), Jim Davis (SITLA), Kyle Beagley (DWR), Jeremy Guymon, Bus Rich (Nielson).

Regional/Local Setting & Topography

Fish Creek, Huntington Canyon, Berma Road, Emery County. ~5.5 miles northwest of Huntington, Utah.

Surface Use Plan

Current Surface Use
Wildlfe Habitat

New Road	Miles	Well Pad	Length	Src Const Material	Surface Formation
	0	Width 200	495	Onsite	

Ancillary Facilities N

well site already constructed for API # 43-015-30732, which was moved to a different pad just NW of this location.

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland Y
ephemeral drainages

Flora / Fauna
shadescale, greasewood, sage, 4-wing. Elk, deer, fowl, other.

Soil Type and Characteristics
mancos clay

Erosion Issues Y
erosive upon disturbance.

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required Y
diversion of ephemeral drainages around location.

Berm Required? Y
as per EIS.

Erosion Sedimentation Control Required? N

Paleo Survey Run? Y Paleo Potential Observed? N Cultural Survey Run? Y Cultural Resources? N

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	300 to 1320	10
Native Soil Type	Low permeability	0
Fluid Type	Air/mist	0
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	10 to 20	5
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0

Final Score 15 2 Sensitivity Level

Characteristics / Requirements

Dugout earthen (50x50x10) included within the pad dimensions is planned by ConocoPhillips.

Closed Loop Mud Required? N Liner Required? N Liner Thickness Pit Underlayment Required? N

Other Observations / Comments

Location was built for permitted well API # 43-015-30732, which was moved off location after construction of pad. Did not conduct a pre-site inspection for this, the new well for this pad.

Mark Jones
Evaluator

5/20/2008
Date / Time

Utah Division of Water Rights



There are no features in the query area.

Click on the back button to try again

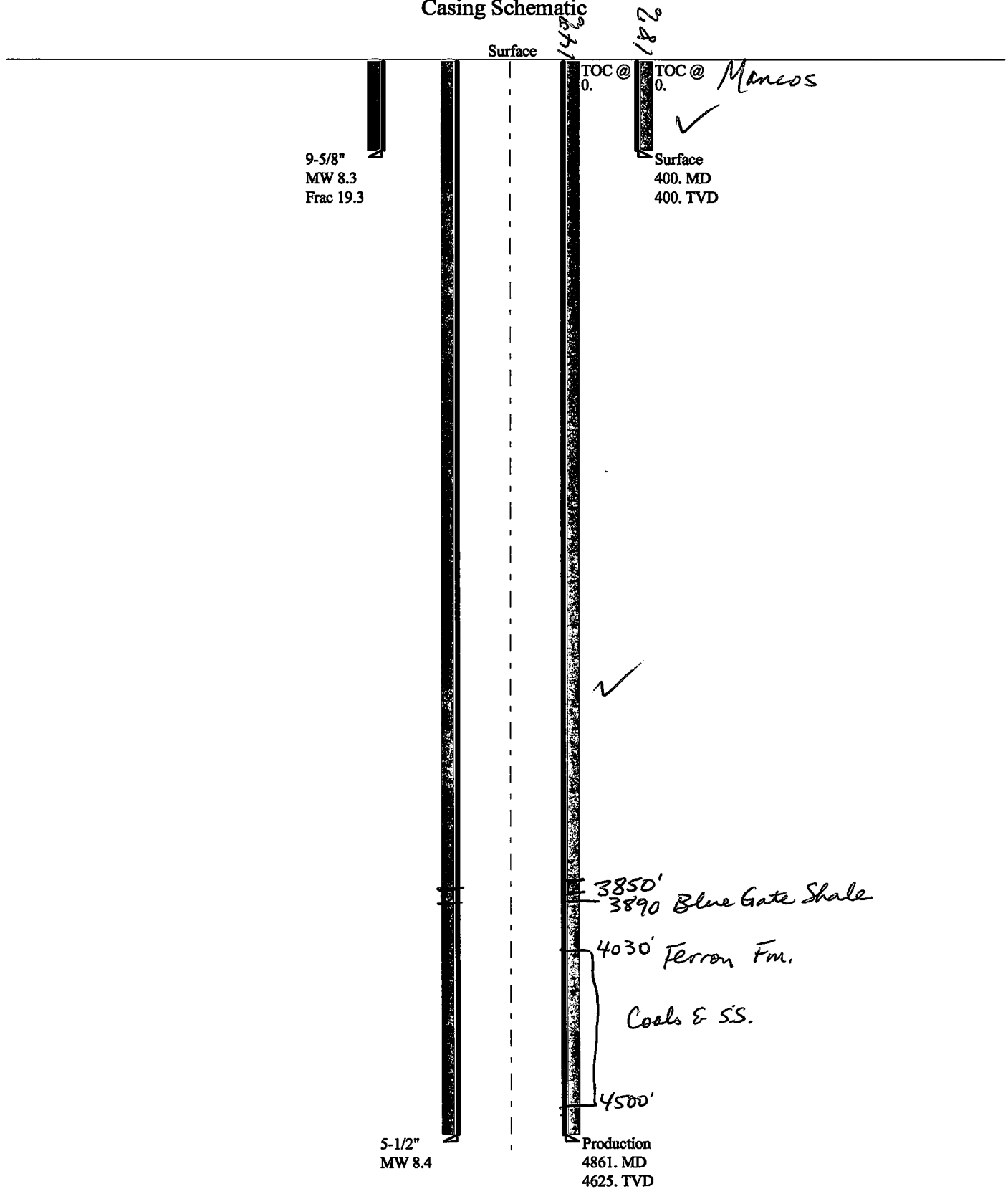
Please direct questions and comments regarding the map server to: leeschler@utah.gov.

[back](#)[close](#)

Utah Division of Water Rights | 1594 West North Temple Suite 220, P.O. Box 146300, Salt Lake City, Utah 84114-6300 | 801-538-7240
[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

2008-06 ConocoPhillips Utah 52-558D

Casing Schematic



Well name:	2008-06 ConocoPhillips Utah 32-558D	
Operator:	ConocoPhillips Company	Project ID:
String type:	Surface	43-015-30751
Location:	Emery County	

Design parameters:
Collapse

Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 71 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 150 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 352 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 400 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 351 ft

Non-directional string.
Re subsequent strings:

Next setting depth: 4,625 ft
Next mud weight: 8.400 ppg
Next setting BHP: 2,018 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 400 ft
Injection pressure: 400 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	400	9.625	36.00	J-55	ST&C	400	400	8.796	173.6

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	173	2020	11.670	400	3520	8.80	14	394	27.36 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: 801-538-5357
FAX: 801-359-3940

Date: June 26, 2008
Salt Lake City, Utah

ENGINEERING STIPULATIONS:

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

2008-06 ConocoPhillips Utah 32-558DOperator: **ConocoPhillips Company**String type: **Production**

Project ID:

43-015-30751Location: **Emery County****Design parameters:****Collapse**

Mud weight: 8.400 ppg

Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No

Surface temperature: 65 °F

Bottom hole temperature: 130 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 368 ft

Cement top: 0 ft

Burst

Max anticipated surface pressure: 1,001 psi

Internal gradient: 0.220 psi/ft

Calculated BHP 2,018 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Directional Info - Build & Hold

Kick-off point 475 ft

Departure at shoe: 1363 ft

Maximum dogleg: 2 °/100ft

Inclination at shoe: 20.58 °

Tension is based on air weight.

Neutral point: 4,233 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	4861	5.5	15.50	M-80	LT&C	4625	4861	4.887	649.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2018	4990	2.473	2018	7000	3.47	72	282	3.93 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & MineralsPhone: 801-538-5357
FAX: 801-359-3940Date: June 26, 2008
Salt Lake City, Utah**ENGINEERING STIPULATIONS:**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

BOPE REVIEW

ConocoPhillips Utah 32-558D API# 43-015-30751

INPUT

Well Name

ConocoPhillips Utah 32-558D API# 43-015-30751

Casing Size (")

String 1	String 2		
9 5/8	5 1/2		
400	4625		
60	400		
8.4	8.6		
1000	3000		
3520	7000		
1256	5.2 ppg		

Setting Depth (TVD)

Previous Shoe Setting Depth (TVD)

Max Mud Weight (ppg)

BOPE Proposed (psi)

Casing Internal Yield (psi)

Operators Max Anticipated Pressure (psi)

Calculations

String 1 9 5/8 "

Max BHP [psi]

.052*Setting Depth*MW = 175

BOPE Adequate For Drilling And Setting Casing at Depth?

MASP (Gas) [psi]

Max BHP-(0.12*Setting Depth) = 127

YES ✓ Air drill to surface surface shoe, rotating head & diverter

MASP (Gas/Mud) [psi]

Max BHP-(0.22*Setting Depth) = 87

YES

*Can Full Expected Pressure Be Held At Previous Shoe?

Pressure At Previous Shoe Max BHP-.22*(Setting Depth - Previous Shoe Depth) = 100

NO OK

Required Casing/BOPE Test Pressure

400 psi

*Max Pressure Allowed @ Previous Casing Shoe =

60 psi

*Assumes 1psi/ft frac gradient

Calculations

String 2 5 1/2 "

Max BHP [psi]

.052*Setting Depth*MW = 2068

BOPE Adequate For Drilling And Setting Casing at Depth?

MASP (Gas) [psi]

Max BHP-(0.12*Setting Depth) = 1513

YES ✓

MASP (Gas/Mud) [psi]

Max BHP-(0.22*Setting Depth) = 1051

YES

*Can Full Expected Pressure Be Held At Previous Shoe?

Pressure At Previous Shoe Max BHP-.22*(Setting Depth - Previous Shoe Depth) = 1139

NO Reasonable

Required Casing/BOPE Test Pressure

3000 psi

*Max Pressure Allowed @ Previous Casing Shoe =

400 psi

*Assumes 1psi/ft frac gradient

From: Ed Bonner
To: Mason, Diana
Date: 6/25/2008 8:56 AM
Subject: Well Clearance

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Jarvis, Dan

The following wells have been given cultural resources and paleontological resources clearance by the Trust Lands Administration:

ConocoPhillips Company
Utah 32-558D (API 43 015 30751)
Utah 33-604 (API 43 015 30752)

If you have any questions regarding this matter please give me a call.



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 7, 2008

ConocoPhillips Company
P O Box 51810
Midland, TX 79710

Re: Utah 32-558D Well, 3127' FSL, 2124' FWL, SE NW, Sec. 32, T. 16 South, R. 8 East,
Bottom Location 1700' FNL, 1950' FEL, SW NE, Sec. 32, T. 16 South, R. 8 East,
Emery County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-015-30751.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Emery County Assessor
SITLA

Operator: ConocoPhillips Company
Well Name & Number Utah 32-558D
API Number: 43-015-30751
Lease: ML-46315

Location: SE NW **Sec.** 32 **T.** 16 South **R.** 8 East
Bottom Location: SW NE **Sec.** 32 **T.** 16 South **R.** 8 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
6. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46315
2. NAME OF OPERATOR: ConocoPhillips Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE Tx ZIP 79710		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (423) 688-6943		8. WELL NAME and NUMBER: Utah 32-558D
4. LOCATION OF WELL FOOTAGES AT SURFACE: 3127 FSL & 2124 FWL		9. API NUMBER: 4301530751
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 32 16S 8E		10. FIELD AND POOL, OR WILDCAT: Buzzard Bench
COUNTY: Emery		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 8/21/2008	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Surface Location
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Based off the layout of the drilling rig selected, it is necessary to shift the surface center hole approximately 5' west of the permitted placement. The new surface location is 3126.30 FSL & 2118.64' FWL. Please find attached new plats and directional plan for this requested move.

495700X
4359831Y
39.389836
-111.049934

COPY SENT TO OPERATOR

Date: 9.2.2008

Initials: KS

NAME (PLEASE PRINT) Donna Williams

TITLE Sr. Regulatory Specialist

SIGNATURE

DATE 8/21/2008

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 8/28/08

BY: [Signature]

(5/2000)

RECEIVED

AUG 25 2008

DIV. OF OIL, GAS & MINING

Conoco

Project: Utah
Site: Utah 32-558D
Well: 32-558D
Wellbore: OH
Design: S



Azimuths to True North
Magnetic North: 12.00°
Magnetic Field
Strength: 52154.5snT
Dip Angle: 65.14°
Date: 2/29/2008
Model: IGRF200510

WELL DETAILS: OH

+N/-S	+E/-W	Northing	Ground Level: Easting	0.0 Latitude	Longitude	Spot
0.0	0.0	117389.18	648374.21	39° 23' 23.476 N	111° 2' 59.672 W	

ANNOTATIONS

TVD	MD	Annotation
0.0	0.0	SHL
500.0	500.0	Start Build 3.50
1161.9	1181.4	Start 2379.4 hold at 1181.4 MD
1165.4	1185.3	Start 2374.1 hold at 1185.3 MD
1188.7	1210.7	Start 2229.6 hold at 1210.7 MD
3225.8	3440.4	Start Drop -3.50
3334.6	3559.4	Start Drop -3.50
3335.8	3560.8	Start Drop -3.50
3906.5	4151.1	Start 600.0 hold at 4151.1 MD
3997.5	4242.2	Start 600.0 hold at 4242.2 MD
4000.0	4244.7	Start 600.0 hold at 4244.7 MD
4506.4	4751.1	TD at 4751.1
4597.5	4842.2	TD at 4842.2
4600.0	4844.7	TD at 4844.7

FORMATION TOP DETAILS

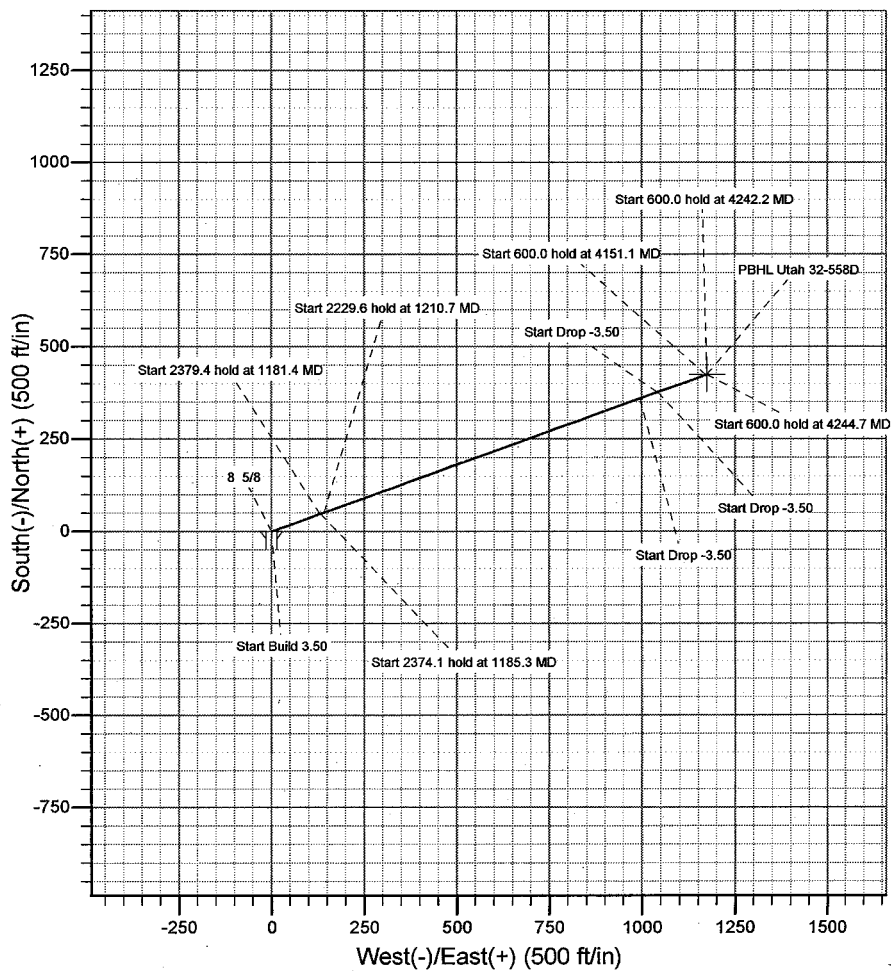
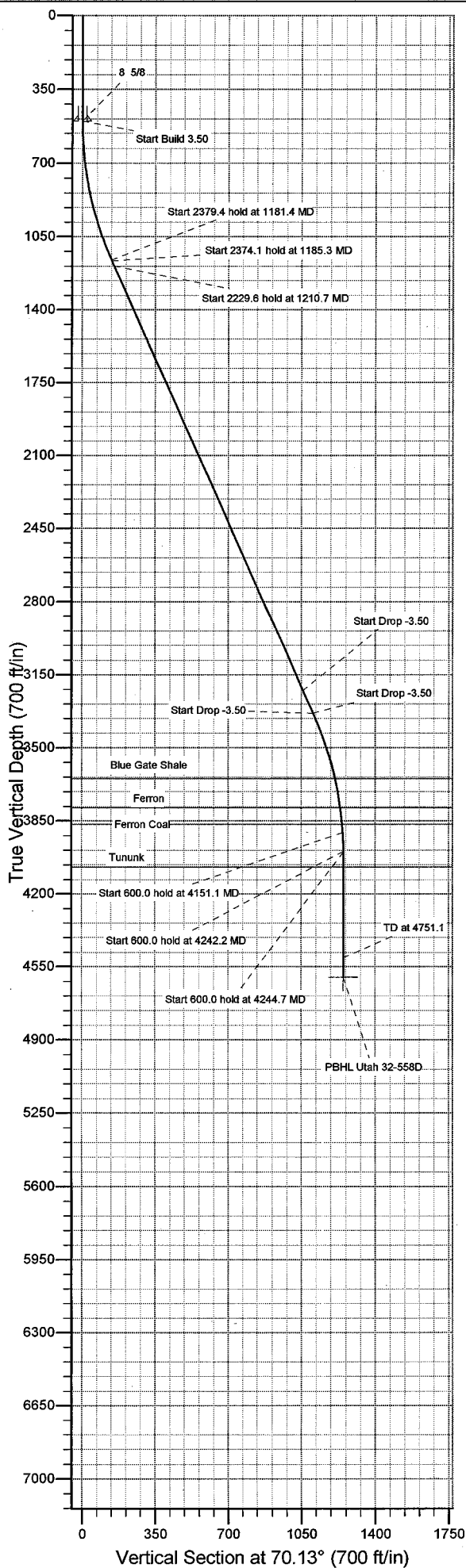
TVDPath	MDPath	Formation
3648.1	3890.0	Blue Gate Shale
3785.9	4030.0	Ferron
3865.5	4110.0	Ferron Coal
4070.3	4315.0	Tununk

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	500.0	0.00	0.00	500.0	0.0	0.0	0.00	0.00	0.0	
3	1185.3	23.98	70.13	1165.4	48.0	132.9	3.50	70.13	141.4	
4	3559.4	23.98	70.13	3334.6	376.0	1040.6	0.00	0.00	1106.4	
5	4244.7	0.00	0.00	4000.0	424.0	1173.5	3.50	180.00	1247.8	
6	4844.7	0.00	0.00	4600.0	424.0	1173.5	0.00	0.00	1247.8	PBHL Utah 32-558D

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL Utah 32-558D	4600.0	424.0	1173.5	117520.21	648731.24	Point



Conoco

Utah

Utah 32-558D

OH

OH

Plan: OH

Standard Planning Report

19 August, 2008

Quantum Drilling

Planning Report

Database:	EDM 2003.16 Single User Db	Local Co-ordinate Reference:	Well OH
Company:	Conoco	TVD Reference:	WELL @ 0.0ft (Original Well Elev)
Project:	Utah	MD Reference:	WELL @ 0.0ft (Original Well Elev)
Site:	Utah 32-558D	North Reference:	True
Well:	OH	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	OH		

Project	Utah		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

Site		Utah 32-558D			
Site Position:		Northing:	117,389.18 m	Latitude:	39° 23' 23.476 N
From:	Lat/Long	Easting:	648,374.21 m	Longitude:	111° 2' 59.672 W
Position Uncertainty:	0.0 ft	Slot Radius:	in	Grid Convergence:	0.29 °

Well	OH					
Well Position	+N/-S	0.0 ft	Northing:	117,389.18 m	Latitude:	39° 23' 23.476 N
	+E/-W	0.0 ft	Easting:	648,374.21 m	Longitude:	111° 2' 59.672 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	0.0 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	2/29/2008	12.00	65.14	52,155

Design	OH			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	70.13

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(ft)	(ft)	Rate	Rate	Rate	(°)	
(ft)			(ft)			(°/100ft)	(°/100ft)	(°/100ft)		
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
500.0	0.00	0.00	500.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,185.3	23.98	70.13	1,165.4	48.0	132.9	3.50	3.50	0.00	70.13	
3,559.4	23.98	70.13	3,334.6	376.0	1,040.6	0.00	0.00	0.00	0.00	
4,244.7	0.00	0.00	4,000.0	424.0	1,173.5	3.50	-3.50	0.00	180.00	
4,844.7	0.00	0.00	4,600.0	424.0	1,173.5	0.00	0.00	0.00	0.00	PBHL Utah 32-558D

Quantum Drilling Planning Report

Database: EDM 2003.16 Single User Db
Company: Conoco
Project: Utah
Site: Utah 32-558D
Well: OH
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well OH
TVD Reference: WELL @ 0.0ft (Original Well Elev)
MD Reference: WELL @ 0.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	3.50	70.13	599.9	1.0	2.9	3.1	3.50	3.50	0.00
700.0	7.00	70.13	699.5	4.1	11.5	12.2	3.50	3.50	0.00
800.0	10.50	70.13	798.3	9.3	25.8	27.4	3.50	3.50	0.00
900.0	14.00	70.13	896.0	16.5	45.7	48.6	3.50	3.50	0.00
1,000.0	17.50	70.13	992.3	25.7	71.3	75.8	3.50	3.50	0.00
1,100.0	21.00	70.13	1,086.7	36.9	102.3	108.7	3.50	3.50	0.00
1,185.3	23.98	70.13	1,165.4	48.0	132.9	141.4	3.50	3.50	0.00
1,200.0	23.98	70.13	1,178.9	50.1	138.6	147.3	0.00	0.00	0.00
1,300.0	23.98	70.13	1,270.3	63.9	176.8	188.0	0.00	0.00	0.00
1,400.0	23.98	70.13	1,361.6	77.7	215.0	228.6	0.00	0.00	0.00
1,500.0	23.98	70.13	1,453.0	91.5	253.3	269.3	0.00	0.00	0.00
1,600.0	23.98	70.13	1,544.4	105.3	291.5	309.9	0.00	0.00	0.00
1,700.0	23.98	70.13	1,635.7	119.1	329.7	350.6	0.00	0.00	0.00
1,800.0	23.98	70.13	1,727.1	132.9	367.9	391.2	0.00	0.00	0.00
1,900.0	23.98	70.13	1,818.4	146.8	406.2	431.9	0.00	0.00	0.00
2,000.0	23.98	70.13	1,909.8	160.6	444.4	472.5	0.00	0.00	0.00
2,100.0	23.98	70.13	2,001.2	174.4	482.6	513.2	0.00	0.00	0.00
2,200.0	23.98	70.13	2,092.5	188.2	520.9	553.8	0.00	0.00	0.00
2,300.0	23.98	70.13	2,183.9	202.0	559.1	594.5	0.00	0.00	0.00
2,400.0	23.98	70.13	2,275.3	215.8	597.3	635.1	0.00	0.00	0.00
2,500.0	23.98	70.13	2,366.6	229.6	635.6	675.8	0.00	0.00	0.00
2,600.0	23.98	70.13	2,458.0	243.4	673.8	716.4	0.00	0.00	0.00
2,700.0	23.98	70.13	2,549.4	257.3	712.0	757.1	0.00	0.00	0.00
2,800.0	23.98	70.13	2,640.7	271.1	750.3	797.7	0.00	0.00	0.00
2,900.0	23.98	70.13	2,732.1	284.9	788.5	838.4	0.00	0.00	0.00
3,000.0	23.98	70.13	2,823.5	298.7	826.7	879.0	0.00	0.00	0.00
3,100.0	23.98	70.13	2,914.8	312.5	864.9	919.7	0.00	0.00	0.00
3,200.0	23.98	70.13	3,006.2	326.3	903.2	960.3	0.00	0.00	0.00
3,300.0	23.98	70.13	3,097.6	340.1	941.4	1,001.0	0.00	0.00	0.00
3,400.0	23.98	70.13	3,188.9	354.0	979.6	1,041.6	0.00	0.00	0.00
3,500.0	23.98	70.13	3,280.3	367.8	1,017.9	1,082.3	0.00	0.00	0.00
3,559.4	23.98	70.13	3,334.6	376.0	1,040.6	1,106.4	0.00	0.00	0.00
3,600.0	22.56	70.13	3,371.9	381.4	1,055.7	1,122.5	3.50	-3.50	0.00
3,700.0	19.06	70.13	3,465.3	393.5	1,089.1	1,158.0	3.50	-3.50	0.00
3,800.0	15.56	70.13	3,560.8	403.6	1,117.1	1,187.7	3.50	-3.50	0.00
3,890.0	12.41	70.13	3,648.1	411.0	1,137.5	1,209.5	3.50	-3.50	0.00
Blue Gate Shale									
3,900.0	12.06	70.13	3,657.9	411.7	1,139.5	1,211.6	3.50	-3.50	0.00
4,000.0	8.56	70.13	3,756.2	417.8	1,156.4	1,229.5	3.50	-3.50	0.00
4,030.0	7.51	70.13	3,785.9	419.2	1,160.3	1,233.7	3.50	-3.50	0.00
Ferron									
4,100.0	5.06	70.13	3,855.5	421.8	1,167.5	1,241.4	3.50	-3.50	0.00
4,110.0	4.71	70.13	3,865.5	422.1	1,168.3	1,242.2	3.50	-3.50	0.00
Ferron Coal									
4,200.0	1.56	70.13	3,955.3	423.8	1,172.9	1,247.2	3.50	-3.50	0.00
4,244.7	0.00	0.00	4,000.0	424.0	1,173.5	1,247.8	3.50	-3.50	0.00
4,300.0	0.00	0.00	4,055.3	424.0	1,173.5	1,247.8	0.00	0.00	0.00

Quantum Drilling

Planning Report

Database: EDM 2003.16 Single User Db
Company: Conoco
Project: Utah
Site: Utah 32-558D
Well: OH
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well OH
TVD Reference: WELL @ 0.0ft (Original Well Elev)
MD Reference: WELL @ 0.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,315.0	0.00	0.00	4,070.3	424.0	1,173.5	1,247.8	0.00	0.00	0.00
Tununk									
4,400.0	0.00	0.00	4,155.3	424.0	1,173.5	1,247.8	0.00	0.00	0.00
4,500.0	0.00	0.00	4,255.3	424.0	1,173.5	1,247.8	0.00	0.00	0.00
4,600.0	0.00	0.00	4,355.3	424.0	1,173.5	1,247.8	0.00	0.00	0.00
4,700.0	0.00	0.00	4,455.3	424.0	1,173.5	1,247.8	0.00	0.00	0.00
4,800.0	0.00	0.00	4,555.3	424.0	1,173.5	1,247.8	0.00	0.00	0.00
4,844.7	0.00	0.00	4,600.0	424.0	1,173.5	1,247.8	0.00	0.00	0.00

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (m)	Easting (m)	Latitude	Longitude
- hit/miss target									
- Shape									
PBHL Utah 32-558D	0.00	0.00	4,600.0	424.0	1,173.5	117,520.21	648,731.24	39° 23' 27.667 N	111° 2' 44.724 W
- plan hits target									
- Point									

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)
500.0	500.0	8 5/8	8.625	8.625

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,890.0	3,648.1	Blue Gate Shale		0.00	
4,315.0	4,070.3	Tununk		0.00	
4,030.0	3,785.9	Ferron		0.00	
4,110.0	3,865.5	Ferron Coal		0.00	

Quantum Drilling

Planning Report

Database: EDM 2003.16 Single User Db
Company: Conoco
Project: Utah
Site: Utah 32-558D
Well: OH
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well OH
TVD Reference: WELL @ 0.0ft (Original Well Elev)
MD Reference: WELL @ 0.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
0.0	0.0	0.0	0.0	SHL
500.0	500.0	0.0	0.0	Start Build 3.50
1,181.4	1,161.9	47.5	131.5	Start 2379.4 hold at 1181.4 MD
1,185.3	1,165.4	48.0	132.9	Start 2374.1 hold at 1185.3 MD
1,210.7	1,188.7	51.5	142.7	Start 2229.6 hold at 1210.7 MD
3,440.4	3,225.8	359.5	995.1	Start Drop -3.50
3,559.4	3,334.6	376.0	1,040.6	Start Drop -3.50
3,560.8	3,335.8	376.2	1,041.1	Start Drop -3.50
4,151.1	3,906.5	423.1	1,171.0	Start 600.0 hold at 4151.1 MD
4,242.2	3,997.5	424.0	1,173.5	Start 600.0 hold at 4242.2 MD
4,244.7	4,000.0	424.0	1,173.5	Start 600.0 hold at 4244.7 MD
4,751.1	4,506.4	424.0	1,173.5	TD at 4751.1
4,842.2	4,597.5	424.0	1,173.5	TD at 4842.2
4,844.7	4,600.0	424.0	1,173.5	TD at 4844.7

Range 8 East

(N89°58'E - 2604.36')

(N89°58'E - 2636.70')

2123.99'
CALCULATED

1700.00'
CALCULATED

1950.00'
CALCULATED

UTM
N 4359833
E 495702

2118.64'
SURFACE
UTAH #32-558D
ELEV. 6705.4'

UTM
N 4359970
E 496071

N69°26'16"E
1287.98'

3126.30'

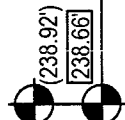
(N89°29'W - 2855.82')

(N89°34'19"W - 2639.39')

(N89°41'43"E - 2638.85')

(N89°29'W - 2855.82')

(N89°40'E - 2608.32')



Legend

● Drill Hole Location

⊙ Brass Cap (Found)

○ Brass Cap (Searched for, but not found)

△ Rock Pile

() GLO

GPS Measured

NOTES:

1. UTM and Latitude / Longitude Coordinates are derived using a GPS Pathfinder and are shown in NAD 27 Datum.

SURFACE

LAT / LONG
39°23'23.476"N
111°02'59.672"W

TARGET

LAT / LONG
39°23'27.927"N
111°02'44.250"W

Location:

The well location was determined using a Trimble 5700 GPS survey grade unit.

Basis of Bearing:

The Basis of Bearing is GPS Measured.

GLO Bearing:

The Bearings indicated are per the recorded plat obtained from the U.S. Land Office.

Basis of Elevation:

Basis of Elevation of 6538' being the Northeast Section Corner of Section 5, Township 17 South, Range 8 East, Salt Lake Base and Meridian, as shown on the Hiawatha Quadrangle 7.5 minute series map.

Description of Location:

Surface

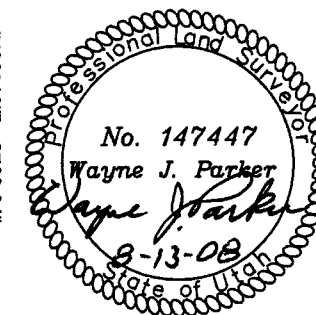
Proposed Drill Hole located in the SE/4 NW/4 of Section 32, T16S, R8E, S.L.B.&M., being 3126.30' North and 2118.64' East from the Southwest Corner of Section 32, T16S, R8E, Salt Lake Base & Meridian.

Target

Proposed Target located in the SW/4 NE/4 of Section 32, T16S, R8E, S.L.B.&M., being 1700.00' South and 1950.00' West from the Northeast Section Corner of Section 32, T16S, R8E, Salt Lake Base & Meridian.

Surveyor's Certificate:

I, Wayne J. Parker, a Professional Land Surveyor, holding Certificate 147447 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.



GRAPHIC SCALE

0 500' 1000'
(IN FEET)
1 inch = 1000 ft.



TALON RESOURCES, INC.

615 North 400 East P.O. Box 1230

Huntington, Utah 84528

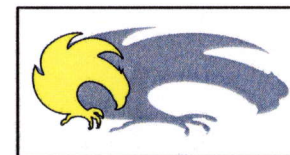
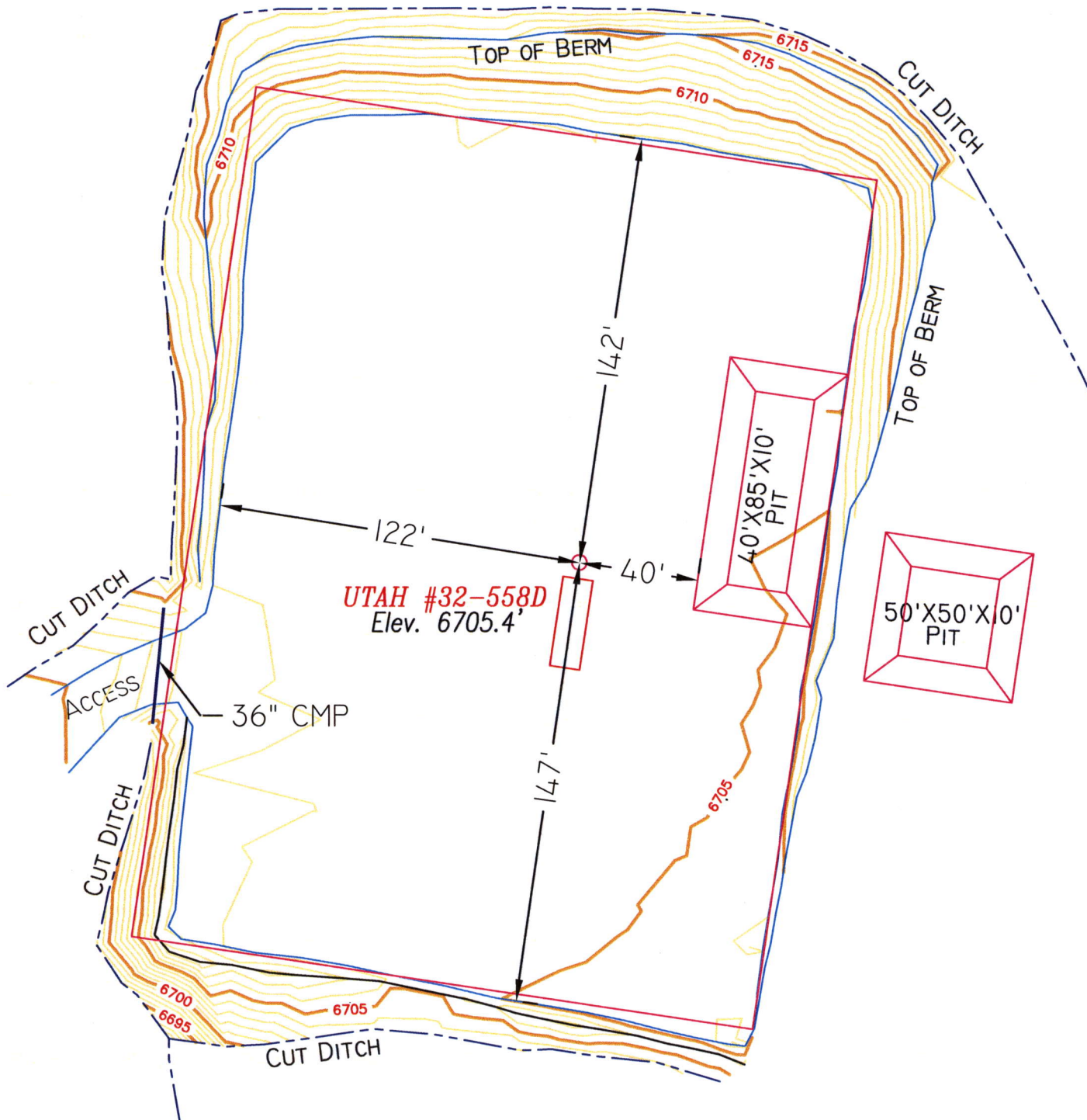
Phone (435)687-5310 Fax (435)687-5311

E-Mail talon@etv.net

ConocoPhillips

ConocoPhillips Company
WELL UTAH #32-558D
Section 32, T16S, R8E, S.L.B.&M.
Emery County, Utah

Drawn By: N. BUTKOVICH	Checked By: L.W.J./W.J.P.
Drawing No. A-1	Date: 8/13/08
	Scale: 1" = 1000'
Sheet 1 of 3	Job No. 3771



TALON RESOURCES, INC.

615 North 400 East P.O. Box 1230
Huntington, Utah 84528

Phone (435)687-5310 Fax (435)687-5311
E-Mail taloneetv.net



ConocoPhillips Company
LOCATION LAYOUT
Section 32, T16S, R8E, S.L.B.&M.
WELL UTAH #32-558D

Drawn By:
N. BUTKOVICH

Checked By:
L.W.J.

Drawing No.

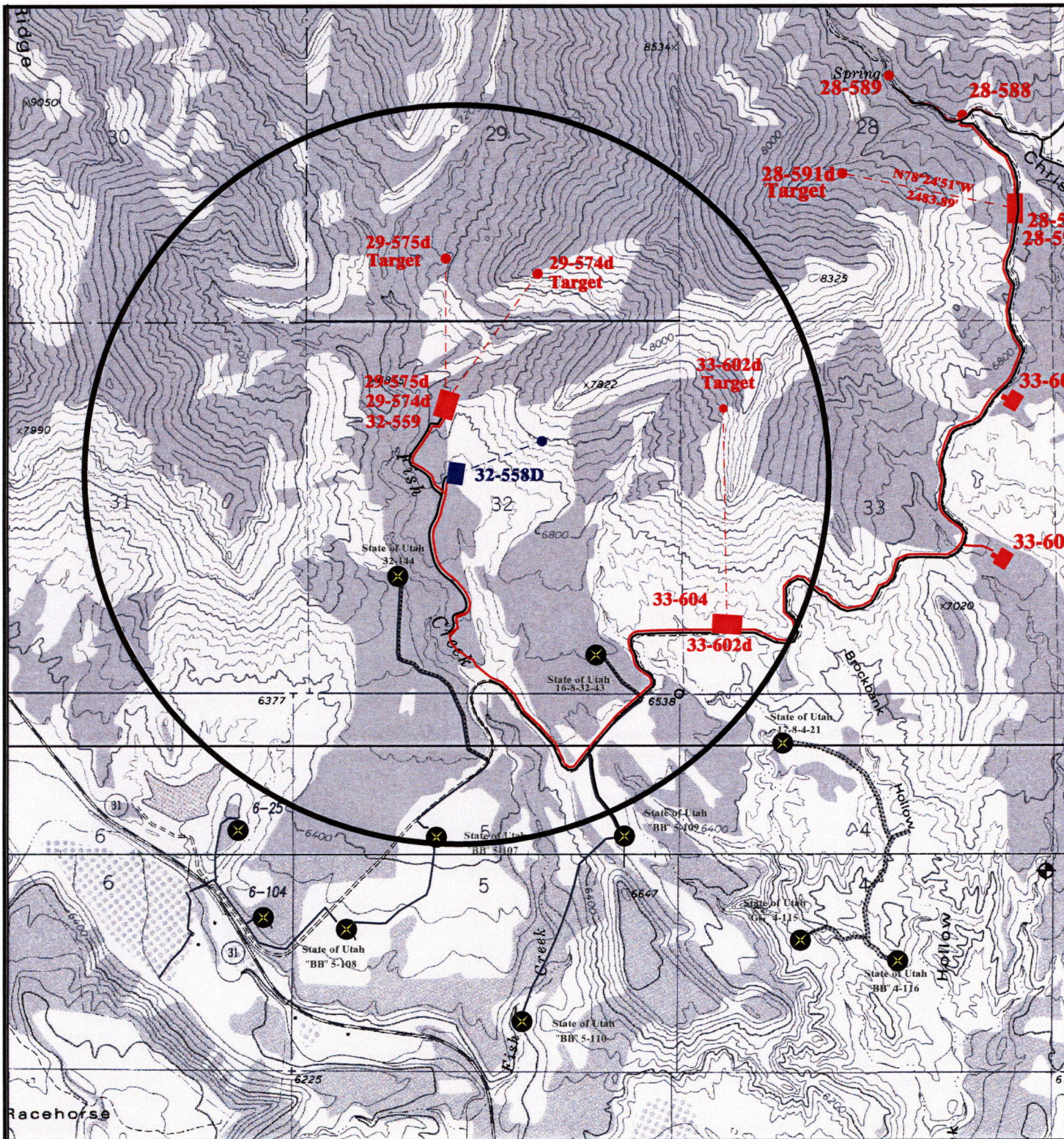
Date:
8/13/08

A-2

Scale:
1" = 50'

Sheet 2 of 3

Job No.
3771



LEGEND

Proposed Well Location:
 Other Proposed Well Locations:
 Proposed Pipeline:
 Proposed Roads:
 XTO Energy Existing Wells



Scale: 1" = 2000'

August, 13, 2008

ConocoPhillips Company

6825 South 5300 West
 P.O. Box 851
 Price, Utah 84501
 Phone: (435) 613-9777
 Fax: (435) 613-9782



WELL UTAH #32-558D
Section 32, T16S, R8E, S.L.B.&M.
Drawing L-1 3 of 3

488000mE. 490000mE. 492000mE. 494000mE. 496000mE. 498000mE. 500000mE. NAD27 Zone 12S 505000mE.

ConocoPhillips Company

CARBON CO.
EMERY CO.

UTAH #32-558D

UTM NAD 27

N-4359833

E-495702

Surface

Target

Talon Resources, Inc.

615 North 400 East

P.O. BOX 1230

Huntington, Utah 84528

(435) 687-5310

488000mE. 490000mE. 492000mE. 494000mE. 496000mE. 498000mE. 500000mE. NAD27 Zone 12S 505000mE.

TN* MN
12°

0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 miles
0 1 2 3 4 5 km

Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Conocophillips Company

Well Name: Utah 32-558D

API No: 43-015-30751 Lease Type: State

Section 32 Township 16S Range 08E County Emery

Drilling Contractor Pete Martin Drilling Rig # Bucket

SPUDDED:

Date 9-05-08

Time 7:00 AM

How Dry

Drilling will Commence: _____

Reported by Mike Johnson

Telephone # 307-851-5824

Date 9-08-08 Signed RM

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 46315
2. NAME OF OPERATOR: ConocoPhillips Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE Tx ZIP 79710		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 3126.30 FSL & 2118.64 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 32 16S 8E		8. WELL NAME and NUMBER: Utah 32-558D
PHONE NUMBER: (432) 688-6943		9. API NUMBER: 4301530751
		10. FIELD AND POOL, OR WILDCAT: Buzzard Bench
		COUNTY: <u>Emery</u>
		STATE: <u>UTAH</u>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <u>9/5/2008</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>Spud/Conductor Set</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above well spud (13 3/8" conductor @ 42' and cemented w/8 sxs ready mix) on September 5, 2008.

NAME (PLEASE PRINT) <u>Donna Williams</u>	TITLE <u>Sr. Regulatory Specialist</u>
SIGNATURE <u>[Signature]</u>	DATE <u>9/8/2008</u>

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SEP 11 2008
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: ConocoPhillips Company Operator Account Number: N 2335
Address: P.O. Box 51810
city Midland
state Tx zip 79710 Phone Number: (432) 688-6943

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301530735	Utah 29-574D		NENW	32	16S	8E	Emery
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	17090	9/4/2008		9/25/08		
Comments: <u>FRSD</u> <u>BHL = SESE</u>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301530751	Utah 32-558D		SENE	32	16S	8E	Emery
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	17091	9/5/2008		9/25/08		
Comments: <u>FRSD</u> <u>BHL = SWNE</u>							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments: 							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Donna Williams

Name (Please Print)

Signature

Sr. Regulatory Specialist

Title

9/8/2008

Date

RECEIVED

SEP 11 2008

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

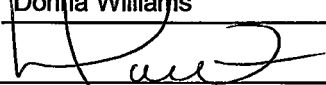
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 46315
2. NAME OF OPERATOR: ConocoPhillips Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE Tx ZIP 79710		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (432) 688-6943		8. WELL NAME and NUMBER: Utah 32-558D
4. LOCATION OF WELL FOOTAGES AT SURFACE: 3126.30 FSL & 2118.64 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 32 16S 8E		9. API NUMBER: 4301530751
COUNTY: Emery		10. FIELD AND POOL, OR WILDCAT: Buzzard Bench
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/16/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Surface Casing
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 10/16/2008, drilled a 12 1/4" hole to 445'. Ran 9 5/8" 36# casing and set at 445'. Cemented w/220 sxs and circulated to surface.

NAME (PLEASE PRINT) Donna Williams	TITLE Sr. Regulatory Specialist
SIGNATURE 	DATE 10/20/2008

(This space for State use only)

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OCT 27 2008

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: ML 46315
2. NAME OF OPERATOR: ConocoPhillips Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE Tx ZIP 79710	7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (432) 688-6943	8. WELL NAME and NUMBER: Utah 32-558D
9. API NUMBER: 4301530751	10. FIELD AND POOL, OR WILDCAT: Buzzard Bench

4. LOCATION OF WELL FOOTAGES AT SURFACE: 3126.30 FSL & 2118.64 FWL	COUNTY: Emery
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 32 16S 8E	STATE: UTAH

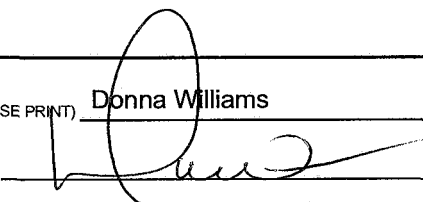
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/18/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Rig Released
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above well drilled an 8 1/2" hole to total depth of 4863' MD. Cleaned out hole and logged. Ran 4 1/2" 17# M80 casing and set at 4800'. Cement first stage: Pumped 48 bbls lead 10# 2.24 yield. Opened DV tool. No returns. Pumped 2nd Stage: 265 sxs lead 11.6# 3.01 yield and tail w/ 100 sxs 14.1# 1.24 yield. No returns. Rig released on 11/18/2008.

At total depth, the bottomhole location is 1665.32 FNL & 1848.66 FEL (SWNE) of Section 32-16S-8E. The directional survey is attached.

NAME (PLEASE PRINT) Donna Williams	TITLE Sr. Regulatory Specialist
SIGNATURE 	DATE 11/19/2008

(This space for State use only)

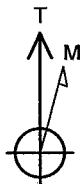
RECEIVED
NOV 20 2008

DIV. OF OIL, GAS & MINING

CONOCOPHILLIPS

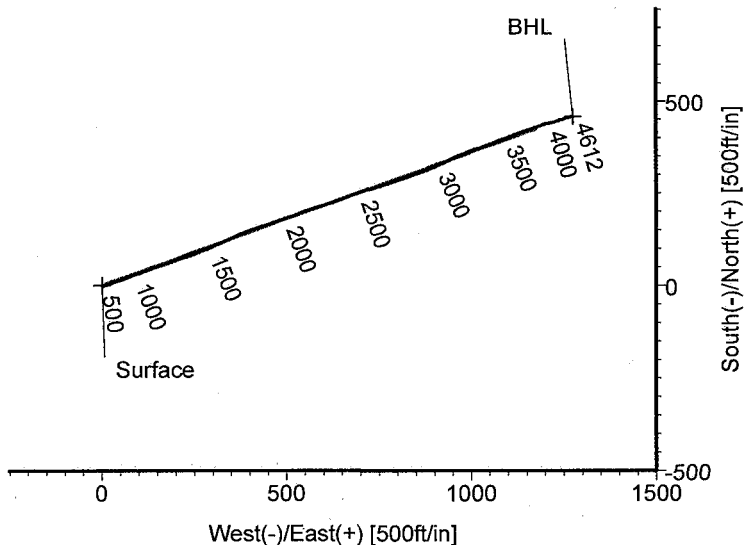
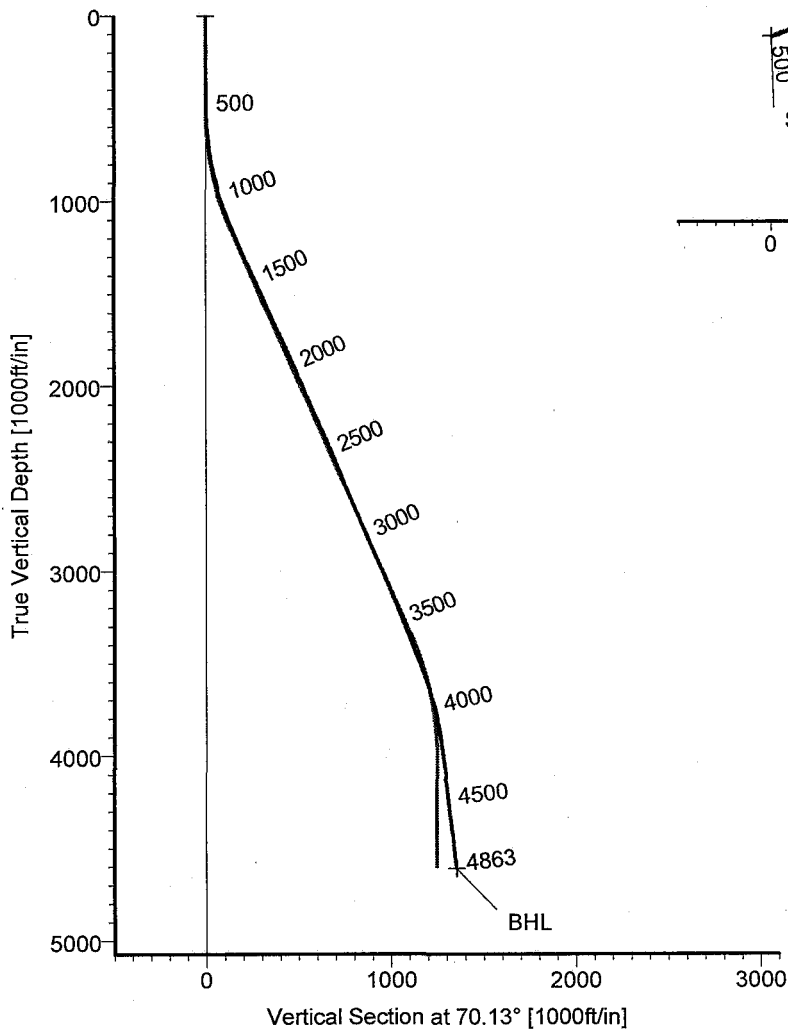
Field: Emery County, UT
Site: Utah #32-558D
Well: #32-558D
Wellpath: Original Hole

ConocoPhillips



Azimuths to True North
Magnetic North: 11.92°

Magnetic Field
Strength: 52093nT
Dip Angle: 65.13°
Date: 11/4/2008
Model: igrf2005



LEGEND

— #32-558D, Original Hole, Plan #2

— Original Hole

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Surface	0.00	0.00	0.00	39°23'23.476N	111°02'59.672W	Point
BHL	4612.30	458.67	1273.76	39°23'28.009N	111°02'43.448W	Circle (Radius: 50)

STRATA
DIRECTIONAL TECHNOLOGY, LLC.

STRATA DIRECTIONAL TECHNOLOGY, LLC.
911 Regional Park Drive Houston, Texas 77060
Phone: 713-934-9600 Fax: 713-934-9067

Wellpath: (#32-558D/Original Hole)
Created By: Ivonne Gonzalez Date: 11/14/2008
Checked: _____ Date: _____

Strata Directional Technology, LLC.

Survey Report

Company: CONOCOPHILLIPS Field: Emery County, UT Site: Utah #32-558D Well: #32-558D Wellpath: Original Hole			Date: 11/14/2008 Co-ordinate(NE) Reference: Well: #32-558D, True North Vertical (TVD) Reference: Est.6705'GL+16 6721.0 Section (VS) Reference: Well (0.00N,0.00E,70.13Azi) Survey Calculation Method: Minimum Curvature			Time: 11:07:02 Page: 1 Db: Adapti				
Field: Emery County, UT										
Map System: US State Plane Coordinate System 1927 Geo Datum: NAD27 (Clarke 1866) Sys Datum: Mean Sea Level				Map Zone: Utah, Central Zone Coordinate System: Well Centre Geomagnetic Model: igrf2005						
Site: Utah #32-558D										
Site Position: From: Geographic Position Uncertainty: 0.00 ft Ground Level: 6705.40 ft			Northing: 385134.34 ft Easting: 2127207.71 ft		Latitude: 39 23 23.476 N Longitude: 111 2 59.672 W North Reference: True Grid Convergence: 0.29 deg					
Well: #32-558D										
Slot Name:										
Well Position: +N/-S 0.00 ft Position Uncertainty: 0.00 ft			Well Position: +N/-S 0.00 ft Position Uncertainty: 0.00 ft		Latitude: 39 23 23.476 N Longitude: 111 2 59.672 W					
Wellpath: Original Hole										
Current Datum: Est.6705'GL+16 Magnetic Data: 11/4/2008 Field Strength: 52093 nT Vertical Section: Depth From (TVD) ft			Height: 6721.00 ft +N/-S: ft		Drilled From: Surface Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level Declination: 11.92 deg Mag Dip Angle: 65.13 deg +E/-W: ft Direction: deg					
0.00			0.00		0.00 70.13					
Survey Program for Definitive Wellpath Date: 11/14/2008 Validated: No Version: 0 Actual From To Survey Toolcode Tool Name ft ft 464.00 4808.00 Survey #1 (464.00-4808.00) MWD Std MWD 4863.00 4863.00 Survey #2 (4863.00-4863.00) Project Projection										
Survey										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE LINE
464.00	0.90	115.90	463.98	-1.59	3.28	2.54	0.19	0.19	0.00	MWD
485.00	1.00	81.90	484.98	-1.64	3.61	2.84	2.68	0.48	-161.90	MWD
516.00	0.80	80.50	515.97	-1.56	4.09	3.31	0.65	-0.65	-4.52	MWD
547.00	2.10	72.70	546.96	-1.36	4.84	4.09	4.23	4.19	-25.16	MWD
577.00	3.40	69.00	576.93	-0.88	6.20	5.53	4.37	4.33	-12.33	MWD
608.00	4.70	70.60	607.85	-0.13	8.26	7.72	4.21	4.19	5.16	MWD
638.00	5.70	67.10	637.73	0.86	10.79	10.44	3.50	3.33	-11.67	MWD
670.00	6.90	67.60	669.53	2.21	14.03	13.95	3.75	3.75	1.56	MWD
702.00	7.80	70.70	701.27	3.66	17.86	18.04	3.07	2.81	9.69	MWD
734.00	8.70	71.20	732.94	5.16	22.20	22.63	2.82	2.81	1.56	MWD
766.00	9.60	73.20	764.53	6.71	27.04	27.71	2.98	2.81	6.25	MWD
796.00	10.70	73.20	794.06	8.24	32.10	32.99	3.67	3.67	0.00	MWD
825.00	11.90	71.20	822.50	9.98	37.51	38.67	4.35	4.14	-6.90	MWD
859.00	13.20	72.70	855.69	12.27	44.54	46.05	3.94	3.82	4.41	MWD
890.00	14.30	71.30	885.80	14.55	51.54	53.42	3.71	3.55	-4.52	MWD
922.00	14.90	70.00	916.76	17.22	59.15	61.48	2.14	1.87	-4.06	MWD
953.00	16.70	69.80	946.59	20.12	67.08	69.92	5.81	5.81	-0.65	MWD
985.00	17.30	68.80	977.19	23.43	75.83	79.28	2.09	1.87	-3.12	MWD
1015.00	19.10	70.10	1005.69	26.71	84.60	88.65	6.15	6.00	4.33	MWD
1046.00	19.70	70.40	1034.93	30.19	94.29	98.94	1.96	1.94	0.97	MWD
1079.00	20.50	69.80	1065.92	34.05	104.96	110.28	2.50	2.42	-1.82	MWD

Strata Directional Technology, LLC.

Survey Report

Company: CONOCOPHILLIPS
Field: Emery County, UT
Site: Utah #32-558D
Well: #32-558D
Wellpath: Original Hole

Date: 11/14/2008 Time: 11:07:02 Page: 2
Co-ordinate(N/E) Reference: Well: #32-558D, True North
Vertical (TVD) Reference: Est.6705'GL+16 6721.0
Section (VS) Reference: Well (0.00N,0.00E,70.13Azi)
Survey Calculation Method: Minimum Curvature Db: Adapti

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1111.00	20.70	69.30	1095.87	37.99	115.51	121.54	0.83	0.62	-1.56	MWD
1143.00	21.20	69.20	1125.76	42.04	126.21	132.98	1.57	1.56	-0.31	MWD
1174.00	22.40	69.90	1154.54	46.06	136.99	144.49	3.96	3.87	2.26	MWD
1206.00	23.10	70.40	1184.05	50.26	148.63	156.87	2.27	2.19	1.56	MWD
1302.00	24.10	71.10	1272.02	62.93	184.92	195.30	1.08	1.04	0.73	MWD
1395.00	25.10	70.50	1356.58	75.67	221.48	234.01	1.11	1.08	-0.65	MWD
1489.00	25.00	69.80	1441.74	89.18	258.91	273.81	0.33	-0.11	-0.74	MWD
1585.00	24.60	67.10	1528.89	103.96	296.36	314.05	1.25	-0.42	-2.81	MWD
1687.00	24.40	65.80	1621.70	120.86	335.13	356.26	0.56	-0.20	-1.27	MWD
1783.00	24.30	66.50	1709.16	136.86	371.33	395.74	0.32	-0.10	0.73	MWD
1879.00	24.40	71.80	1796.63	150.93	408.29	435.28	2.28	0.10	5.52	MWD
1975.00	23.60	71.20	1884.33	163.32	445.32	474.32	0.87	-0.83	-0.62	MWD
2071.00	23.30	70.00	1972.41	176.01	481.35	512.52	0.59	-0.31	-1.25	MWD
2167.00	23.80	71.60	2060.41	188.61	517.57	550.87	0.85	0.52	1.67	MWD
2262.00	23.80	69.70	2147.33	201.32	553.74	589.20	0.81	0.00	-2.00	MWD
2358.00	24.00	72.70	2235.11	213.84	590.55	628.07	1.28	0.21	3.12	MWD
2453.00	23.50	71.60	2322.06	225.57	626.97	666.31	0.70	-0.53	-1.16	MWD
2548.00	22.30	68.40	2409.57	238.18	661.70	703.26	1.82	-1.26	-3.37	MWD
2643.00	21.70	72.00	2497.66	250.24	695.16	738.83	1.55	-0.63	3.79	MWD
2738.00	22.90	72.70	2585.55	261.17	729.52	774.85	1.29	1.26	0.74	MWD
2834.00	23.70	72.10	2673.72	272.65	765.71	812.79	0.87	0.83	-0.62	MWD
2930.00	24.30	70.60	2761.43	285.14	802.70	851.83	0.89	0.62	-1.56	MWD
3023.00	23.70	70.80	2846.38	297.65	838.40	889.65	0.65	-0.65	0.22	MWD
3119.00	23.00	68.40	2934.52	310.90	874.06	927.69	1.23	-0.73	-2.50	MWD
3214.00	22.70	66.20	3022.07	325.13	908.09	964.53	0.95	-0.32	-2.32	MWD
3309.00	23.20	65.00	3109.55	340.43	941.82	1001.46	0.72	0.53	-1.26	MWD
3404.00	21.80	68.20	3197.32	354.89	975.16	1037.73	1.96	-1.47	3.37	MWD
3502.00	21.40	70.00	3288.44	367.76	1008.86	1073.80	0.79	-0.41	1.84	MWD
3598.00	21.60	70.70	3377.76	379.59	1041.99	1108.98	0.34	0.21	0.73	MWD
3694.00	21.10	68.30	3467.17	391.82	1074.73	1143.92	1.05	-0.52	-2.50	MWD
3789.00	20.60	70.70	3555.95	403.67	1106.39	1177.72	1.04	-0.53	2.53	MWD
3885.00	18.30	68.90	3646.47	414.68	1136.39	1209.68	2.48	-2.40	-1.87	MWD
3917.00	17.00	69.50	3676.96	418.13	1145.46	1219.38	4.10	-4.06	1.87	MWD
3949.00	15.90	70.50	3707.65	421.23	1153.98	1228.45	3.55	-3.44	3.12	MWD
3981.00	14.00	69.70	3738.57	424.04	1161.74	1236.70	5.97	-5.94	-2.50	MWD
4012.00	12.50	69.70	3768.74	426.50	1168.40	1243.80	4.84	-4.84	0.00	MWD
4044.00	11.40	71.10	3800.05	428.73	1174.64	1250.43	3.55	-3.44	4.37	MWD
4076.00	10.70	70.50	3831.45	430.74	1180.43	1256.56	2.22	-2.19	-1.87	MWD
4172.00	7.20	74.50	3926.27	435.33	1194.64	1271.48	3.70	-3.65	4.17	MWD
4236.00	8.00	72.50	3989.71	437.74	1202.75	1279.93	1.32	1.25	-3.12	MWD
4299.00	7.70	77.70	4052.12	439.95	1211.05	1288.49	1.22	-0.48	8.25	MWD
4361.00	6.70	76.40	4113.63	441.69	1218.63	1296.20	1.63	-1.61	-2.10	MWD
4425.00	6.60	74.30	4177.20	443.56	1225.80	1303.58	0.41	-0.16	-3.28	MWD
4489.00	6.80	71.40	4240.76	445.77	1232.93	1311.04	0.61	0.31	-4.53	MWD
4553.00	6.50	71.10	4304.33	448.15	1239.95	1318.45	0.47	-0.47	-0.47	MWD
4617.00	6.80	73.40	4367.90	450.40	1247.01	1325.85	0.63	0.47	3.59	MWD
4681.00	6.90	70.90	4431.44	452.75	1254.27	1333.48	0.49	0.16	-3.91	MWD
4744.00	6.50	73.20	4494.01	455.01	1261.26	1340.83	0.76	-0.63	3.65	MWD
4808.00	6.20	73.90	4557.62	457.02	1268.05	1347.89	0.48	-0.47	1.09	MWD
4863.00	6.20	73.90	4612.30	458.67	1273.76	1353.82	0.00	0.00	0.00	BHL

Strata Directional Technology, LLC.

Survey Report

Company: CONOCOPHILLIPS Field: Emery County, UT Site: Utah #32-558D Well: #32-558D Wellpath: Original Hole	Date: 11/14/2008 Time: 11:07:02 Page: 3 Co-ordinate(NE) Reference: Well: #32-558D, True North Vertical (TVD) Reference: Est.6705'GL+16 6721.0 Section (VS) Reference: Well (0.00N,0.00E,70.13Azi) Survey Calculation Method: Minimum Curvature Db: Adapti
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Targets

Name	Description		TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude --->			<--- Longitude --->		
	Dip.	Dir.						Deg	Min	Sec	Deg	Min	Sec
Surface			0.00	0.00	0.00	385134.34	2127207.71	39	23	23.476 N	111	2	59.672 W
BHL			4612.30	458.67	1273.76	385599.38	2128479.06	39	23	28.009 N	111	2	43.448 W

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

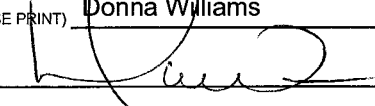
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 46315
2. NAME OF OPERATOR: ConocoPhillips Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE Tx ZIP 79710		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (432) 688-6943		8. WELL NAME and NUMBER: Utah 32-558D
4. LOCATION OF WELL FOOTAGES AT SURFACE: 3126.30 FSL & 2118.64 FWL COUNTY: Emery		9. API NUMBER: 4301530751
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 32 16S 8E STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: Buzzard Bench

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 4/13/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: First Production
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above well had first sales on April 13, 2009. The well was making 0 mcf gas and 155 bbls water.

NAME (PLEASE PRINT) Donna Williams	TITLE Sr. Regulatory Specialist
SIGNATURE 	DATE 4/15/2009

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DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 46315
2. NAME OF OPERATOR: ConocoPhillips Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE Tx ZIP 79710		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (432) 688-6943		8. WELL NAME and NUMBER: Utah 32-558D
10. FIELD AND POOL, OR WILDCAT: Buzzard Bench		9. API NUMBER: 4301530751

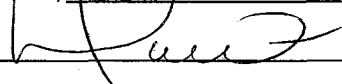
4. LOCATION OF WELL FOOTAGES AT SURFACE: 3126.30 FSL & 2118.64 FWL	COUNTY: Emery
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 32 16S 8E	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/18/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Production Casing
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On the sundry submitted on November 19, 2008 regarding the drilling of the production hole for the above, it was mistakenly indicated that the production casing was 4 1/2" 17# M80 when in fact the casing was 5 1/2" 17# M80. All other information submitted on this sundry is correct.

NAME (PLEASE PRINT) Donna Williams	TITLE Sr. Regulatory Specialist
SIGNATURE 	DATE 5/8/2009

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 46315
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
2. NAME OF OPERATOR: ConocoPhillips Company		7. UNIT or CA AGREEMENT NAME N/A
3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE Tx ZIP 79710		8. WELL NAME and NUMBER: Utah 32-558D
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 3126.30 FSL & 2118.64 FWL AT TOP PRODUCING INTERVAL REPORTED BELOW: _____ AT TOTAL DEPTH: 1666.32 FNL & 1848.66 FEL (SWNE) <i>per HSM review</i>		9. API NUMBER: 4301530751
10. FIELD AND POOL, OR WILDCAT Buzzard Bench		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 32 16S 8E
12. COUNTY Emery		13. STATE UTAH
14. DATE SPUDDED: 9/5/2008	15. DATE T.D. REACHED: 11/18/2008	16. DATE COMPLETED: 4/6/2009
17. ELEVATIONS (DF, RKB, RT, GL): 6703 GL		ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>
18. TOTAL DEPTH: MD 4,863 TVD 4412	19. PLUG BACK T.D.: MD 4,745 TVD 4495	20. IF MULTIPLE COMPLETIONS, HOW MANY? * N/A
21. DEPTH BRIDGE MD PLUG SET: TVD		
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) Attached DIG. GR. CD, CN		23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20	13 3/8 cond	54.5#	0	42		Redym 8		Surface	
12 1/4	9 5/8 J55	36	0	445		G 220		Surface	
8 1/2	5 1/2 M80	17	0	4,800		Ilitecte 48		980	
						50/50 265			
						100			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	4,426							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Ferron	4,096	4,270			4,096 4,101	1 spf		Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)					4,143 4,180	2 spf		Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)					4,212 4,230	1 spf		Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D)					4,264 4,270	2 spf		Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
4096-4270	A w/2400 gls 15% HCl
	F w/224200# 20/40 premium white snd + 139999 gls 3% KCl water w/additives + HES 20# delta
	140 linear gel

29. ENCLOSED ATTACHMENTS:

- ☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER: _____

30. WELL STATUS:

Prod

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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 4/9/2009		TEST DATE: 4/13/2009		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 0	WATER – BBL: 155	PROD. METHOD: Pumping
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 0	WATER – BBL: 155	INTERVAL STATUS: Open

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Bluegate Ferron T/Coal	3,885 4,016 4,059

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Donna Williams

TITLE Sr. Regulatory Specialist

SIGNATURE

DATE 5/8/2009

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

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